City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: *Pierre Brunelle*		
Board/Commission Name: *Seattle Bicycle Advisory Board*		**Position Title:** *Member*
☒ **Appointment** ***OR*** ☐ **Reappointment**	**Council Confirmation required?** ☒ Yes ☐ No	
Appointing Authority: ☐ Council ☒ Mayor ☐ Other: *Fill in appointing authority*	**Date Appointed:** 1/31/2020	**Term of Position: *** 9/1/2019 **to** 8/31/2021 ☐ *Serving remaining term of a vacant position*
Residential Neighborhood: *N/A*	**Zip Code:**	**Contact Phone No.:** [redacted]
Background: *Pierre is a new Seattle resident and recent French immigrant to the city. He is a homeowner in Fremont and bike commutes to his job in South Lake Union as a civil engineer and decision scientist. While he is new to Seattle, he has experience working with public officials – including prior work facilitating public debates for the European Space Agenda regarding future investment plans based on public funding.*		
Authorizing Signature (original signature): Jenny A. Durkan	**Appointing Signatory:** *Jenny A. Durkan* *Mayor of Seattle*	

**Term begin and end date is fixed and tied to the position and not the appointment date.*

Pierre Brunelle

[redacted]

Current Position

Amazon – *Product Management Technical | Core AI* — **Seattle, USA**, *Nov. 2019 – Present*

Core AI is an interdisciplinary team on the cutting edge of economics, statistical analysis, and machine learning whose mission is to solve AI and ML problems that have high risk with abnormally high returns. More concretely, I understand and design Amazon's complex systems, and leverage our engineers and scientists to build solutions for some of the toughest business problems. With a strong background in decision sciences, machine learning, and product management I excel at leveraging academic research to create business impact. This broadly includes alignment across teams, goal setting/prioritization, cross-team commitments, management of execution, scoping and measurement, and managing relationships with the top American research universities.

Global Design Distribution SARL – Home Furnishing Company – *Founder & Owner* — **Paris, FR**, *May 2014 – Present*

- Managed a business generating extra cash flow for architects without requiring additional workload
- Performed corporate governance practices for tax optimization strategies

Past Experience

Amazon Web Services (AWS) – *Product Management Technical – AI/ML | SageMaker* — **Seattle, USA**, *Sep. 2019 – Nov. 2019*

AWS SageMaker takes care of abstracting a ton of software development skills necessary to accomplish ML-related tasks while still being highly effective, flexible, and cost-effective. More concretely, I:

- Owned critical RE:INVENT feature launch planning, execution, and overall User Experience that enhances our core product through value-adds
- Managed prioritization and trade-offs between CX, Host Experience, Business Requirements, Performance, and Operational Support
- Gathered and analyzed large amounts of information expeditiously representing the Voice of the Customer

Amazon – *Product Management Technical | Core AI Tooling & Search* — **Seattle, USA**, *Oct. 2018 – Aug. 2019*

Fields of work: Data Science, Data Quality Services, Open Source Web Apps, Notebooks, DNN
Featured in Seattle Times, at NeurIPS (formerly NIPS) 2018, and SIGMOD/PODS 2019

Core AI Tooling initiatives span numerous organizations, e.g., Amazon.com, Alexa, AWS. I have enjoyed being at the intersection of product, software, and science navigating machine learning, front-end, and back-end systems and owning the end-to-end experience. I had full autonomy to develop a vision leading a team of 12 Engineers, 2 User Experience Designers, and 6 Applied Scientists based in Berlin, Seattle, and New York on executing on the above vision and roadmap. More concretely, I:

- Managed project deliverables as to project teams, time, cost and quality requirements
- Defined product roadmap by leading the development of customer-focused product strategy and vision
- Spearheaded the development, communication, and implementation of effective growth strategies and processes throughout the organization
- Directed the development of variance analyses to determine the difference between projected versus actual results and oversaw the implementation of COEs
- Managed critical functions responsible for delivering business objectives and maintaining forecast & reports
- Integrate usability studies, and research into product requirements

Amazon – *Product Management | EU Automotive* — **Luxembourg, LU**, *Feb. 2017 – Sep. 2018*

Fields of work: SEO, Search, CX, ML (Prediction, IDQ, NLP, i-DSS), DBMS, B2B Services

- Engaged closely with engineering teams on feature specifications making decisions about the best technical implementation and resource trade-offs while gathering product requirements
- Drove initiatives to improve the efficiency of internal search engines by identifying domain-specific room for improvement using data to make arguments based on both research and industry knowledge proving my expertise in quantitative and qualitative research
- Set clear goals ensuring deadlines are met while leading cross-team projects
- Built consensus among cross-functional teams and influence decision-making within senior-level audiences; lead execution against recommendations quickly and with flawless accuracy
- Contributed as a Data Scientist for prototyping when necessary before allocating resources
- Wrote SQL queries and VBA Macros to perform big data analytics (Excel, Access, MySQL...)
- Managed Redshift Clusters and IT Architecture Change Management processes for Business teams
- Bridged online and offline domains for full customer journey impact

TruerenT Ltd. – Proprietary Real Estate Automated Valuations – *Co-Founder, CPO* — **London, UK**, *Jun. 2017 – Jun. 2018*

- Originated new products in concert with customer needs and business model
- Led the ideation, strategy, technical development, and delivery of business solutions
- Planned and formulated aspects of research and development proposals
- Conceptualized agile platforms dedicated to real estate that provides invaluable proprietary market data
- Developed a Decision-making Support Systems (i-DSS) based on our own proprietary ML-powered technologies

The French Association for the United Nations (AFNU) – *Digital Advisor* — **Paris, FR**, *Jun. 2017 – Oct. 2018*

- Shaped the AFNU's position on Technology and Innovation Policy

Siemens AG – Power & Gas – *Business Development Strategist* — **Huizingen, BE**
Apr. 2016 – Aug. 2016

- Performed Asian & African country profiles, industry analysis, and energy-oriented research Presented findings and actionable recommendations. Produced business development material for leading African summits that requires competences with tailor-made analysis tools
- Led technical processes for a coal-quality management project in Mexico. Gained a deep understanding of the business and developed a network of potential suppliers, empowering the team and making them more productive and relevant to the requirements of the project
- Designed Balanced Scorecard to enable a plant manager to monitor its power plant performances
- Assisted in developing a Decision Support System for portfolio selection by providing macros and suggestions on how to automate the update process of the database
- Delivered strategic benchmarking and market valuation conducting prospective portfolio investments of the "Digital Solutions" department

CSC (Computer Science Corporation) – *Consultant* — **Paris, FR**
Oct. 2015 – Mar. 2016

Bouygues Construction – RFP: €60 million contract – collaborated with SAP

- Contributed to team efforts in the preparation of proposals. Congratulated by the SAP Team for my contribution combining my breath of knowledge in Information Technology along with my expertise in civil engineering
- Performed an external benchmarking allowing my management to highlight the weakness of their proposal
- Learned how to implement adaptive Agile/Scrum development processes

EIFFAGE – Implementation Phase

- Initiated and clarified IT solution assessments and client's software specifications
- Coordinated and managed workshops. Conveyed quickly a feeling of expertise and gained the trust of the client easing the day-to-day tasks and the interactions between the different stakeholders
- Designed and submitted a specific procurement workflow leading to best fit with the client's needs

Saudi Oger Ltd. – *Site Engineer* — **Jeddah, KSA**
Jun. 2015 – Sept. 2015

'Al Salam Palace': €1.4 billion – Assigned for 2 months

- Planned the work and organized site facilities
- Attended regular meetings with the project director to discuss supplier issues

'Haramain High Speed Ralway Station Station': €690 million – Assigned for 2 months

- Supervised approximately 300 workers
- Acted as the main technical adviser for subcontractors

Demathieu & Bard – *Site Foreman (Internship)* — **Paris, FR**
Jul. 2014 – Aug. 2014

'Tram Express Nord' – €1.5 billion

- Organized construction site
- Contributed to the team efforts by working along with workers

Innov2b – *Founder & Chair (Company sold in August 2016)* — **Paris, FR**
Mar. 2015 – Aug. 2016

- Played several roles from web developer and designer to growth hacker and chair
- Delegated writing and editing tasks to professionals and students. Wrote and edited 60+ article
- Interviewed senior-level executives, e.g., CEO France Tekla Structure and AutoCAD representatives
- Gained 6,700+ real followers (@Innov2b) and attracted 54,100+ unique visitors (innov2b.com) in six months
- Sold to a new entrant to the sector with a total return of seven times my original investment

Self-employment – 'Auto-entrepreneur' — **Sceaux, FR**
Sept. 2014 – Nov. 2015

- Developed and/or revised 6 websites, resulting in a significant increase in site ranking and traffic reports
- Shaped the digital strategy of the 'Cercle Santé Société' – a Healthcare Think Tank including former ministers, C-level executives, and notable French speakers
- Wrote 15+ articles for 'guidebeton.com' to guide people in their self-construction

ESTP Student Entrepreneurship Association – 'Entrepreneur ESTP' – *Chair* — **Sceaux, FR**
May 2014 – Apr. 2015

- Raised €25,000 in funds and ensured a long-term partnership for the forthcoming years
- Revamped a committee of students to improve the collaboration between student associations
- Planned, organized and animated conferences on diverse entrepreneurial subjects allowing students to find second-year internships and develop entrepreneurial spirits

Education

Arts & Métiers ParisTech – Joint diploma with Sorbonne Graduate Business school (IAE Paris) — **Paris, FR**
Master of Research in Decision Sciences and Risk Management — *2016 – 2017*
Relevant Coursework: Decision Analysis, Decision Theory, Economics of Uncertainty and Information, Organization Theory, Risk Management, Human Resources Management

École Spéciale des Travaux Publics, du bâtiment et de l'industrie (ESTP) — **Cachan, FR**
Master of Science in Civil Engineering – 'Diplôme d'Ingénieur' — *2013 – 2015*
Relevant Electives: Risk Management, M&A, Project Finance, Procurement Management, Manager & Entrepreneur

- Managed a file-hosting platform to help students to access course material. Thanks to the success, the school administration officially took over the project the following year to spread this idea to the whole campus
- Developed two entrepreneurial and research projects. Summarized results for talks and poster presentations.

Intensive course preparing for the highly competitive entrance examinations to the 'French Grandes Ecoles' — **Paris, FR**
PCSI – PSI: Advanced mathematics, physics, chemistry and engineering science — *2010 – 2013*

Honors & Activities

Call for Ideas:

- National Student Call for Ideas: "In a World of Turmoil, what is a Nation For?" organized by "Le Cercle des Economistes" – *"Une capacité d'innovation, de créativité et d'anticipation plutôt que de réaction" (1,500 words)* — *2016*
- 'McKinsey Global Institute "Opportunity for Europe" Essay Prize' – *"Europe Reforming Europe: A Pluralistic and Pragmatic 'Modus Operandi'" (5,000 words)* — *2016*

Certification & Skills

Computer: Proficient in (X)HTML, CSS, SQL. Familiar with R and Python

Software:

- Proficient in Microsoft Office, AutoCAD, RStudio, Jupyter(Lab), Maple, WordPress, and Adobe Illustrator
- Experience with Visio, Sketch, Balsamiq Mockups, and Tableau

MOOCs: — *2013 – Present*

- Strategic Management & Management for a Competitive Edge (Open2Study)
- IIBA®'s Certified Business Analysis Professional™ (CSC University)
- Strategic Organizational Design (MIT OpenCourseWare)
- CS50x3 - Introduction to Computer Sciences (HarvardX)
- Organizational Analysis 'Self-Paced' (Stanford Online University)

Languages: French (Native), English (Bilingual), Spanish (Conversant)

Research & Writing

Research Interests: Time in Organization Studies, Organizational Design, Public Policy, and JDM

Book: "Déchiffrer le Big Data: Acquérir les outils pour agir" – Facilitated management approach of the technical architecture and streamlined methods required to efficiently leverage the value of data — *2016*

Paper: — *2017-2019*

- Schelter, S., Biessmann, F., Lange, D., Rukat, T., Schmidt, P., Seufert, S., Brunelle, P. and Taptunov, A., 2019, June. Unit Testing Data with Deequ. In Proceedings of the 2019 International Conference on Management of Data (pp. 1993-1996). ACM.

Working Paper:

- Time in Organization Studies: An Overview of the Literature on the State of Theory, Research and Practice – DOI: 10.13140/RG.2.2.12835.45602
- In Search of Time and Temporality: The Process of Temporal Reflexivity – DOI: 10.13140/RG.2.2.23725.79849

Seattle Bicycle Advisory Board

12 Members: Pursuant to *Resolution 30995], all* members subject to City Council confirmation, *2*-year terms:

- *5* City Council-appointed
- *7* Mayor-appointed
- *#* Other Appointing Authority-appointed (specify):

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
	M	3	1.	Member	Pierre Brunelle	9/1/19	8/31/21	1	Mayor
2	F	5	2.	Member	Kashina Groves	9/1/18	8/31/20	2	City Council
1	M	3	3.	Member	Alexander Lew	9/1/19	8/31/21	1	Mayor
1	F	3	4.	Member	Andrea	9/1/17	8/31/21	2	City Council
6	F	6	5.	Member	Emily Paine	9/1/19	8/31/21	1	Mayor
	M	2	6.	Member	Benjamin Estes	9/1/19	8/31/21	1	City Council
6	M	2	7.	Member	Andrew Dannenberg	9/1/18	8/31/20	1	Mayor
6	F	1	8.	Member	Meredith Hall	9/1/18	8/31/20	1	City Council
	F	6	9.	Member	Sarah Udelhofen	9/1/20	8/31/22	1	Mayor
6	M	2	10.	Member	Patrick Taylor	9/1/18	8/31/20	1	City Council
		2	11.	Member		9/1/20	8/31/22	1	Mayor
		4	12.	Get Engaged Member	Joseph G. Colleen	9/1/19	8/31/20	1	Mayor

SELF-IDENTIFIED DIVERSITY CHART

	(1) Male	(2) Female	(3) Transgender	(4) NB/ O/ U	(5) Asian	(6) Black/ African American	(7) Hispanic/ Latino	(8) American Indian/ Alaska Native	(9) Other	Caucasian/ Non-Hispanic	Pacific Islander	Middle Eastern	Multiracial
Mayor	3	5			2					4			
Council	2	3				2				2			
Other													
Total	5	8			2	2				6			

Key:

***D** List the corresponding *Diversity Chart* number (1 through 9)

****G** List *gender*, **M**= Male, **F**= Female, **T**= Transgender, **NB=** Non-Binary **O=** Other **U**= Unknown

RD Residential Council District number 1 through 7 or N/A

Diversity information is self-identified and is voluntary.