City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: Yaacov Tarko		
Board/Commission Name: *Seattle Bicycle Advisory Board*		**Position Title:** *Get Engaged Member*
☒ **Appointment** *OR* ☐ **Reappointment**	**City Council Confirmation required?** ☒ Yes ☐ No	
Appointing Authority: ☐ City Council ☒ Mayor ☐ Other: *Fill in appointing authority*	**Term of Position: *** 09/01/2021 **to** 08/31/2022 ☐ *Serving remaining term of a vacant position*	
Residential Neighborhood: Downtown	**Zip Code:** *98121*	**Contact Phone No.*:* *Business phone # - NOT personal phone #*
Background: I'm a Seattle renter and a bus and bike commuter. I'm new to transportation planning, but I'm used to systems thinking in my day job as a software engineer and I hope to apply it here. I'm proud of the progress SDOT and Seattle are making already and I look forward to helping the city do even better in the future.		
Authorizing Signature (original signature): *Bruce A. Harrell* **Date Signed (appointed):** 3/7/2022	**Appointing Signatory:** *Bruce A. Harrell* *Mayor of Seattle*	

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

Yaacov Tarko

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Work Experience

Google, *Software Engineer*, People Directory   March 2021 – Present
- Extending our corporate directory index to handle customers with extremely large directories and directory profile sharing between customers.

Google, *Junior Software Engineer*, Social Graph Backend   February 2019 – March 2021
- Developed and launched a system of fault-tolerant and efficiently scalable microservices to generate social graph data from Google's contacts and profiles and serve that data to internal clients. The system is designed to minimize write-time and read-time latency, and is implemented in C++ for speed and resource efficiency.
- Implemented extensive integration tests of the above system which caught several bugs in our implementation and in our dependencies. Created an extensible integration testing library in Java for our clients to use in their tests.
- Fulfilled regulatory compliance requirements by creating offline batch jobs to perform automated data cleanups.
- Implemented and launched a system to keep cached contact names fresh, fixing a flaw in our data model that exposed the previous names of users who had changed their profile names.

Facebook, *Software Engineering Intern*, Location-Aware Distribution   June 2018 – September 2018
- Contributed to the development of a reliable, low-latency peer-to-peer system that is responsible for config file distribution across Facebook's server fleet.
- Implemented C++ memory optimizations the system, reducing memory usage by 5%.
- Added the ability to inline small files in metadata messages, reducing distribution latency.
- Improved crash recovery by adding functionality to resume interrupted downloads. Partially-completed downloads of large files are cached on disk. When the service is started, cached downloads are either resumed or garbage-collected based on stored state.
- Wrote comprehensive unit tests and routinely tested performance on several thousand hosts.

Tyvak NanoSatellite Systems, *Software Engineering Intern*, Ground Software   June 2017 – September 2017
- Developed features for ground control software, including front-end and back-end web systems and MacOS applications, to improve user experience and prevent operator error.
- Implemented account-based authorization in a Node.js web application to control access to satellite telemetry and commands.
- Helped build a data access layer in C++ to improve database query performance, and built a proxy in C++ and JavaScript to incorporate it into a Node.js server.

Dovel & Luner LLP, *Legal Intern*, New Matters   June 2014 - September 2014
- Analyzed patents, identified potentially infringing products, and communicated my findings to the firm's new matters department to assist with case selection.

Education

University of California, Los Angeles , Los Angeles, CA
- B.S. Computer Science, *Magna Cum Laude.*   Graduated December 2018

Research Experience

UCLA Automated Reasoning Group, *Undergraduate Researcher*   January 2018 - December 2018
- Conducted novel research on applications of Bayesian Networks to traffic route prediction.
- Designed an algorithm to efficiently count the number of traffic routes in a state space defined by a hierarchical route distribution, and implemented the algorithm in Python.
- Built a web-based UI to tune parameters of Testing Bayesian Networks and visualize the behavior of the resulting models.

Seattle Bicycle Advisory Board

12 Members: Pursuant to Resolution 31572, all members subject to City Council confirmation, 2-year terms:

- 7   Mayor- appointed
- 5   City Council- appointed

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
8	M	3	1.	Member	Yasir Alfarag	9/1/2021	8/31/2023	2	Mayor
2	F	5	2.	Member	Kashina Groves	9/1/2020	8/31/2022	1	City Council
3	M	4	3.	Member	Jose Nino	9/1/2021	8/31/2023	1	Mayor
1	F	4	4.	Member	Andrea Lai	9/1/2021	8/31/2023	2	City Council
1/9	F	1	5.	Member	Diane Walsh	9/1/2021	8/31/2023	1	Mayor
			6.	Member	Douglas Midgen	9/1/2021	8/31/2023	1	City Council
6	M	2	7.	Member	Andrew Dannenberg	9/1/2020	8/31/2022	2	Mayor
6	F	1	8.	Member	Meredith Hall	9/1/2020	8/31/2022	1	City Council
6	F		9.	Member	Sarah Udelhofen	9/1/2020	8/31/2022	2	Mayor
6	M	2	10.	Member	Patrick Taylor	9/1/2020	8/31/2022	1	City Council
9	F	3	11.	Member	Maimoona Rahim	9/1/2020	8/31/2022	1	Mayor
6/8	M	7	12.	Get Engaged Member	Yaacov Tarko	9/1/2021	8/31/2022	1	Mayor

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

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.