Aaron Maxwell Schechter

206-965-0004 | aaron.m.schechter@gmail.com | amschechter.github.io

A passionate, skilled mapper and data analyst who excels with finding and communicating meaning from numbers. Enjoys working collaboratively as well as individually. A strong relationship builder and problem solver with plenty of curiosity, Aaron can be relied on to work cross functionally and understand the team's needs. Has spent time building tracking for data pipelines, dictating behavior for webpages on cancer studies, writing a full testing suite and more.

PORTFOLIO WORK

Find the projects described below and more at amschechter.github.io. All portfolio work was done in Python with a multitude of different packages including Pandas, Geopandas, Folium, H3, Numpy, Sklearn and others.

- Examined the effect of the I-90 Mount Baker Tunnel and Lid
- Planned and executed a study of land use and property tax income in Seattle.
- Outlined and completed a choropleth with a time slider to display building permit applications over time.

PROFESSIONAL EXPERIENCE

Mapping Consultant, CoreGIS Seattle, WA   July 2024 – Current

CoreGIS is an independent Mapping and Analysis firm
- Acts as a project manager, client liaison, data analyst and cartographer. I oversee, manage and execute my own projects start to finish.
- Worked with the Seattle Department of Transportation and King County Metro to produce maps and interactive data visualizations to describe the performance and ridership of critical Seattle bus routes.
- Collaborated with The Wilderness Society to create a comprehensive map of public amenity accessibility throughout multiple jurisdictions in Bernalillo County, New Mexico.

Software Engineer, Edlink Austin, TX   March 2022 – February 2023

Edlink is a small education technology company that serves as a unified API using a complex data pipeline.
- Independently project managed, implemented, and analyzed key performance indicators on a high traffic data pipeline.
- Identified and fixed bugs across all areas of the codebase in multiple languages.
- Created and maintained a testing suite for an entire codebase built with TypeScript and Jest.

Programmer, Cancer Research and Biostatistics Seattle, WA   December 2019 – July 2021

Cancer Research and Biostatistics, an offshoot of Fred Hutch, analyzes cancer data to look for insights.
- Programmed for national cancer studies using C#. Worked with multiple teams to build forms that get filled out by hospital employees to track millions of patient's cancer care outcomes across the country. Studies were both longitudinal and singular.
- Learned to work with RAVE, the hosting environment of said studies.
- Experienced the nonprofit world and work-flow; observed the development process and data management of large scale cancer studies.

Software Engineer Intern, Cartera Commerce Lexington, MA   July 2019 – October 2019

Cartera Commerce offers a credit card reward system services for large credit providers.
- Used PHP, MySQL and HTML to maintain and improve the internal statistics reporting website of a mature mid-size company.
- Led project to dramatically improve the data entry efficiency of 30 employees. Collaborated with and satisfied requirements of multiple departments, including the data entry manager, database manager, and more.
- Honed skills in common industry business practices such as deployment practices, Agile and professional standards of Git version control.

Tennis Instructor, Amy Yee Tennis Center, Garfield High School, Jinji Tennis Seattle WA & Tokyo JP   Current
- Interacted with, taught and befriended many different types of tennis players from all walks of life!

EDUCATION
Bachelor of Arts, Willamette University Salem, OR   May 2019
Major: Computer Science, Minor: Economics
Advanced with JavaScript, Python, SQL, ARCGis, Excel
Experienced with Git, CSS, PHP, Linux, Java, Tableau, PowerBI

LEADERSHIP
Captain, Willamette University Men's Tennis Salem, OR   2016-2019
Co-Founder and President, KWU Salem, OR   2016-2019
Co-Founder Camp Kode Kids, Seattle, WA   2013-2015