Aaron Maxwell Schechter

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

EXPERIENCE

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.

- Implemented and analyzed metric tracking 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#. My team built the 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. Reported to and satisfied requirements of multiple departments, including the data entry manager, database manager and others.
- Learned common industry business practices such as deployment practices, Agile and professional standards of Git version control.

Contractor, CellarTracker.com Seattle, WA   May 2018 – August 2018

    CellarTracker is a site that gives a home for people to track their wine collections and discuss with others.

- Designed graphical data visualizations for CellarTracker.com, a wine cellar tracking and rating website with 500,000 monthly users, in order to track personal wine collections.
- Used JavaScript, HTML, CSS and the D3 charting library to make Bar Graphs, Scatterplots, Pie Charts, and Line Graphs for the website.

Data Science Researcher, Salem, OR   March 2018 – May 2018

- Cleaned, processed and visualized longitudinal data on over a million federal employees per year from 1973-2013 using Python and Tableau.
- Performed this study for a Willamette business professor's research on federal employee trends and correlations.

Tennis Instructor, Amy Yee Tennis Center, Garfield High School, Jinji Tennis   Seattle WA & Tokyo JP

- Interacted with, taught and befriended many different types of tennis players from all walks of life!

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, Numpy, Geopandas, Folium, H3, Sklearn and others.

- 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.
- Designed a machine learning model to predict outcomes of tennis matches based on prior results.

EDUCATION

Bachelor of Arts, Willamette University Salem, OR   May 2019
Major: Computer Science, Minor: Economics
Advanced with JavaScript, TypeScript, Python, PHP, C#, SQL
Experienced with Git, CSS, Node JS, AWS, Linux, Java

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