Will Strauch
Software Engineer | (650) 388-0743 | will.strauch@gmail.com

Education

University of Washington, Seattle, 2019 - 2023,
B.S. Economics, Minor in Mathematics and Data Science

- GPA: 3.77, Dean's List Scholar
- Relevant Courses: Python Programming series, Java Programming series, Probability series, Advanced Calculus Series, Statistical Methods, Linear Algebra and Analysis, Data Structures and Algorithms, Artificial Intelligence, Econometrics, Machine Learning
- Member of Applied Analytics Club at UW

Technical Skills

- Proficient in Python, HTML/CSS, Javascript (React), and SQL (PostgreSQL, MySQL)
- Knowledge of Git, GitHub, Visual Studio Code
- Intermediate skills in R, Java, and Swift
- Data Visualization using Tableau and Python libraries Matplotlib, Seaborn, and Plotly
- Basic knowledge of machine learning algorithms, supervised vs. unsupervised learning, decision trees, logistic and linear regression, experiences with Scikit-learn and Tensorflow in Python

Work Experience

Software Engineer Intern, Seeq Corporation, Seattle, WA June 2022 - September 2022

- Collaborated with a team to develop customer-requested features, enhancing the main product's functionality and customer satisfaction. The product helped customers diagnose manufacturing deficiencies to improve manufacturing efficiency.
- Created reusable, well documented React components for manual data input, seamlessly connected to a PostgreSQL database via internal RESTful APIs.
- Conducted thorough testing, debugging, and code reviews to ensure high-quality implementation.
- Contributed to cross-functional collaboration with product managers and analytics engineers for successful feature integration.

Whole Foods Cashier, Seattle, WA July 2021 - December 2021

- Helped customers check out and maintained high level of customer service
- Worked with new employees to help train them for new positions in the store support department

Personal Projects

Predicting Soccer Player Effectiveness

- Analyzed soccer player effectiveness using Python. Developed a machine learning model using Scikit-learn to determine the most important statistics for measuring effectiveness as well as predicting future performance.

Notion MenuBar App

- Utilized Notion API to build fully functional MenuBar Application using SwiftUI in MacOS. Ability to edit, create, and delete pages to improve productivity.

Running Training Plan

- Accessed Strava API to perform analysis on running data using Python. Was able to determine the most effective training plan possible for me from this analysis.