

William Uyeta

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Education

Bachelor of Business Administration (Management Information Systems), Minor in IT <i>University of Washington, Bothell</i>	Apr 2025 (Expected) GPA: 3.7
- 300+ Courses: Data Structures & Algorithms 1-4, Operations Management, Business Lab	
Associates of Business, Associates of Arts <i>Green River College, Auburn, WA</i>	Jan 2023 GPA: 3.8
- Relevant Coursework: Business Statistics, Business Calculus.	

Skills

Programming Languages / Frameworks: Java, Python (For Data Analysis), JavaScript, SQL, React, Electron

Tools / Technologies / Skills: Azure DevOps (Scrum), Slack / Teams

Soft Skills: Hands on Learner, Adaptability, Time Allocation, Critical Thinker, Business Oriented

Experience

Software Development Intern Mountlake Terrace, Washington <i>Mugg Dynamometers LLC</i>	May 2024 – Jan 2025
- Developed a desktop application Prototype, connecting an MCU (STM32) to <u>Electron</u> , <u>React</u> , and <u>Node.js</u> .	
- Implemented serial communication protocols w/ encryption for data transmission between the app and MCU.	
- Designed a SQLite database schema with one-to-many relationships, along with various CRUD operations.	
- Worked within a modified Scrum framework, focusing on sprints with fewer daily standups to balance flexibility.	
Data Management Intern Remote <i>Ascend Leadership</i>	Feb 2024 – May 2024
- Cleaned / analyzed an estimated 26,000 cells of diversity data on fortune 500 companies using Python <u>Pandas</u> .	
- Created a comprehensive dashboard in <u>Tableau</u> to explain our findings to non-technical stakeholders.	
Technology / Production Intern Remote <i>RSA Conference</i>	Jun 2023 - Aug 2023
- Collaborated with the lead SWE to gather user stories, requirements, and translating them into actionable tasks.	
- Tailored the system based on user stories / requirements to ensure alignment.	
- Automated data entry with a <u>Python</u> script, extracting over 64,000 cells of data, reducing time spent by 95%.	
Shift Leader Renton, Washington <i>Round Table Pizza</i>	Sep 2021 – Jun 2022
- Led a team of 5 during busy shifts, ensuring customer service and operational efficiency.	
- Reduced labor costs by \$140 weekly by closing the restaurant 20-30 minutes faster than average.	

Projects

Exploring the Impact of Reddit Volume and Sentiment on Stock Prices. Scholarship Project	October 2024
- Extracted & cleaned 2.3 million reddit comments from financial subreddits using <u>Dask</u> , <u>Pandas</u> & <u>Hugging Face</u> .	
- Conducted sentiment analysis using <u>DistilBERT</u> & created scripts to calculate daily mentions & sentiment scores.	
- Developed & tested various regression models to measure the influence of reddit metrics on stock prices.	
- Presented research at the 2024 INFORMS Seattle annual meeting; awarded \$3,000 scholarship for contributions.	
Study Buddy <i>Scrum Master</i> <i>Group Startup Project</i>	Fall 2024
- Developed a student messaging platform using <u>Figma</u> and <u>Retool</u> , fostering classroom collaboration.	
- Led daily stand-up meetings three times a week, ensuring team alignment and progress.	
- Conducted 5 individual customer interviews and 20 as a whole to gather user insights.	
- Pitched to 1-3 guest entrepreneurs weekly and presented to 3 venture capitalists at project culmination	
End to End Data Engineering Project (Azure) <i>Personal Project</i> View Code	February 2024
- Followed the <u>ELT</u> framework using a Kaggle dataset to ingest data into <u>Azure</u> and created a <u>PowerBI</u> dashboard.	
- Created a full end to end data pipeline using <u>Data Factory</u> , <u>Data Lake</u> , <u>Databricks</u> & <u>Synapse Analytics</u> .	
Laptop Price Analysis <i>Personal Project</i> View Code	November 2023
- Developed a web scraper using Python's <u>BeautifulSoup</u> and <u>Selenium</u> , extracting over 40,000 cells of laptop data.	
- Cleaned the data using <u>Pandas</u> , resulting in 12,000 refined data points.	
- Conducted an <u>Exploratory Data Analysis</u> to visualize laptop trends over time.	
Decoding SaaS Stock Prices <i>Project Manager</i> <i>Econometric Project</i>	May 2023
- Led a team of two to by driving research, collecting / analyzing data, and delivering the presentation.	
- Analyzed 1600 cells of KPI data on 5 major U.S. SaaS companies using <u>Multivariate Regression</u> in <u>Stata</u> .	