

EDWIN GEORGE

edwgeo@gmail.com | (408) 478-5005 | [linkedin.com/in/edwingeorge](https://www.linkedin.com/in/edwingeorge) | San Jose (open to relocation)

EMPLOYMENT

Neoboard

Irvine, CA

Software Engineer Intern

April 2021 – Present

- Implemented core backend matchmaking algorithm, which employs **20+ data points** to connect students in large classes – of over **100 students** – with others who share common interests and similar schedules
- Launched, tested, and maintained AWS Lambda Functions to run the codebase remotely on the cloud
- Integrated algorithm with existing REST APIs in order to store student, class, and group information
- Performed benchmarking to assess how well algorithms scale depending on various input sizes
- Used Scrum Agile tools (Jira, TeamGantt, ClickUp) to keep track of progress on vital updates to codebase by arranging tasks into weekly sprints
- Utilized: Python, Pandas/NumPy, Amazon Web Services Lambda Functions, Postman, ClickUp, Jira, TeamGantt

Pure Storage

Mountain View, CA

Software Automation Intern

June 2020 – September 2020

- Saved cost operations teams **550+ hours** by using Python (Pandas) and PostgreSQL queries to develop a system that projects US government tariff costs 4 quarters in the future by parsing data from **20+ database tables**
- Parsed fiscal information from **100+ unorganized Excel spreadsheets** with Pandas and combined them into 6 database-friendly, searchable .csv files that contained 80,000+ entries pertaining to vital information about parts for Pure Storage products; saved financial teams **800+ hours** by aggregating the data
- Tracked progress of various tasks with Smartsheet and established deadlines for projects
- Utilized: Python, Pandas/NumPy, PostgreSQL, DBeaver, Microsoft Excel, Atlassian Bitbucket, Smartsheet

Pixelworks, Inc.

San Jose, CA

Market Research Analyst Intern

June 2018 – September 2018

- Used numerous online resources and 10 analyst trend reports (aggregated from IHS Markit) to organize market data of 15 smartphone manufacturers into Excel spreadsheets (key regions, volume of shipments, most popular devices, etc.)
- Designed and developed a short video (~2 min) for promotion to 3 potential clients, including Samsung and Xiaomi. Used 20+ video clips available online to illustrate power of Pixelworks technology using FFmpeg

EDUCATION

University of California, Irvine

June 2021

B.S., Computer Science, Minor in Management | GPA: **3.76** (Cum Laude)

- **Programming Coursework:** Data Structures, Machine Learning, Introduction to Databases, Information Retrieval
- **Involvements:** HackUCI, Anteater LinkedIn Group, Healing through Humanities, Liberty in North Korea (LiNK)

PROJECTS

ZotFit Recommendation Application

- Utilized the Django Python framework and Python's Pandas library to develop a recommendation system to help users get in shape by providing them with an adaptable workout routine
- Personalized application by taking into account various metrics (weight, height, age) of the user and determining what workouts would be best for them
- Organized the development of the project in accordance with Agile methodologies, using tools such as Kanban boards

ICS Search Engine

- Programmed a search engine capable of handling tens of thousands of documents or Web pages, under numerous operational constraints and having a query response time under 500ms
- Used Python to build a large comprehensive index from crawled JSON webpage responses
- Used Python's Flask framework to provide an easily accessible online user interface

SKILLS & INTERESTS

Languages: Python, C++, SQL, Git, HTML, CSS, PostgreSQL, Pandas, Flask

Environments: Visual Studio Code, Sublime Text 3/4, PyCharm, Jupyter Notebook

Other Skills: Microsoft Word, Excel, Powerpoint; GSuite; FFmpeg, Tableau, Jira, Numpy, Scikit-learn, AWS (EC2/S3)

Interests: Documentaries, Hiking, Reading (nonfiction), Music, Eating, Bicycling