Alexander Ung

San Jose, CA

alexung93@gmail.com
408.387.2015

EDUCATION

Bachelors of Science in Computer Science | San Jose State University | San Jose, CA   2011 - **2016**
Master's of Science in Information Technology | Southern New Hampshire University | Hooksett, N   Fall 2022
Concentration in Software Development

EXPERIENCE

Software Engineer | The Select Group, Vendor, onsite at **Apple**   **June 2021- Present**
- Monitor existing services and production code to ensure they are running correctly
- Design and develop tools using Python to fulfill customer requirements
- Create and update documentation for tools
- Optimize and standardize current production tools

Automation Engineer | *DISYS, Contract, onsite at* **Facebook**   **October 2019 - June 2021**
- Refactored test automation scripts to new practices
- Triaged and maintained automation devices/tests to ensure continuous build integration
- Collaborated with other teams to ensure raised issues were recognized/solved
- Created and collaborated new tools to develop better methods of scalability within the team
- Created and updated documentation on how Facebook internal tools can be integrated with the team

Software Engineer | *Intelliswift, Vendor, onsite at* **Apple**   **October 2017 - December 2018**
- Developed proprietary web applications under NDA which ingested data daily into a PostgreSQL database and provided summary statistics for use by technical and non-technical team leads
- Built a Swift application which helped the workflow and efficiency of validating data that provided summary statistics for use by technical and non-technical team leads to help report the quality of the data being used in the pipeline
- Built and shipped a Ruby on Rails application, utilizing a Postgres backend, which was used to review research documents uploaded by users and allowing leads to give feedback, this assisted in the workflow of a conference
- Refactored Python code that was used to validate data to fit future JSON data formats and automate manual work improving the productivity of the team
- Developed a Flask web application used to visualize data for a pipeline, ingest data from Jira API and other databases using Python and Tableau, allowing the managers to have an overview of the pipeline to make better future decisions for the pipeline
- Helped lead meetings to ensure that deadlines were met and making sure that tasks were not being blocked

Data Annotation Specialist | *ProUnlimited, Contract, onsite at* **Apple**   **October 2016 - December 2017**
- Audited and mentored other colleagues ensuring quality of the data
- Provided feedback and created bug reports for developers

SKILLS
Programming Languages
- Python, SQL, HTML5/CSS, JavaScript, Swift, Ruby on Rails, Java

Tools & Frameworks
- Git, Tableau, REST API, Flask, Bootstrap, React, JIRA, CRM systems

PROJECTS
Data Parser
- Developed a Mac OS application using Swift that parses data by reading multiple JSONS and gives an overview of the data parsed using a Postgres database as the backend