

# Alexander Ung

San Jose, CA

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## EDUCATION

**Bachelor's in Computer Science** | San Jose State University

Class of 2016

**Master's in Information Technology, Concentration in Software Development** | Southern New Hampshire University

In Progress

## EXPERIENCE

**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
- Developed a Swift application which ingested data and provided summary statistics for use by technical and non-technical team leads
- Built and shipped a Ruby on Rails application that would allow the users to upload files and allow admins to review the files and give feedback utilizing a Postgres backend
- Refactored Python code that was used to validate data to fit future JSON data formats
- Collaborated with other teams/developers to create a Flask web application for metrics
- Developed a Flask web application used to visualize data for a pipeline, ingested data from utilizing the Jira API and other databases using Python and Tableau
- Managed and maintained a Postgres database containing a variety of data

**Data Annotation Specialist** | *ProUnlimited, Contract, onsite at Apple*

October 2016 - December 2017

- Audited other colleagues datasets
- Trained other colleagues on software application
- Provided feedback and create bug reports

## 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

**Interpersonal skills**

- Help lead meetings, quality checks, and ensure deadline compliance.

## PROJECTS

**Portfolio**

- Developed a personal website using React and GatsbyJS to showcase my experience

**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

**Research Paper Database**

- Built a Ruby on Rails application which manages multiple papers to a Postgres database and saves back ups on an AWS server