

ERAN YOUNG

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Objective

Undergraduate student looking for a full time position in software engineering. Possess a strong desire to learn and eager to gain experience in the industry.

Education

University of San Francisco, San Francisco, CA

EXPECTED MAY 2022

B.S Computer Science, GPA - 4.00/4.00

Honors /Awards: John Paul Getty Scholar, Honors College, Dean's Honor Roll, Leo T. McCarthy Fellow

Technical Skills

Programming Languages: Java, C, Python

Other Technologies: Adobe Photoshop, Microsoft Office Suite, Wordpress

Professional Experience

San Francisco Municipal Transportation Agency , San Francisco , CA - *Autonomous Vehicle Policy*

Support and Research Intern (Office of Innovation)

AUG 2020 - MAY 2021

- Conduct AV industry research resulting in short white papers or memos
- Develop power points for AV team presentations
- Policy research on relevant AV legislative and regulatory issues resulting in memos
- Support for AV working groups, developing agendas, scheduling multi-departmental meetings and workshops, workshop support, and meeting analysis
- Data input and analysis of publicly available AV data

Perfect Time Inc, El Monte, CA - *Operations Assistant*

JUNE 2020 - PRESENT

- Assist with general office tasks including reorganization of inventory and packaging shipments
- Acquire parts for and build office computers to meet the performance needs of employees while also remaining within the company budget
- Write software needed to improve the efficiency of tasks such as a digital worklog for employees and administrative tools for the company website

San Francisco Foghorn, San Francisco, CA - *Online Editor*

NOV 2019 - JUNE 2021

- Responsible for the weekly uploading of written articles to the Foghorn website
- Track visitor analytics and monitored comments
- Work with section editors and news writers to make changes and fixes to posted articles
- Ensure that stories were properly archived in the organization database
- Maintain special pages in collaboration with internal stakeholder groups
- Edit visual and structural changes to the website when necessary

Coding Projects

- **Software Development:** Designed a search engine which can scrape HTML from web pages and return search results to the user. Supports doing different types of searches, adding more web pages to the index, and can run in single threaded or multi threaded mode.
- **Operating Systems:** Designed a UNIX utility which can parse /proc directory and provide a display of system information similar to the "top" command.
- **Computer Architecture:** Wrote a compiler in C for a basic programming language called Ntlang. Utilized a scanner which tokenized the input string and a recursive descent parser to construct a parse tree for the evaluator. The compiler can provide output in binary, decimal and hexadecimal which are signed or unsigned(determined by user) using base conversion functions. Designed a single-cycle processor which can run the compiled code from the compiler.