Nate Trank

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EDUCATION

California Polytechnic State, San Luis Obispo, CA

SEPTEMBER 2016 - PRESENT

Major: **Computer Science**
Concentration: Interactive Entertainment
Class Level: Junior
GPA: 3.43   (Major GPA: 3.32)

PROJECTS

LZW Compression — *C Program*

MARCH 2018

Successfully created a program to compress text and binary files using an LZW compression algorithm. Manipulated bits to write 9-15 bit packets to maximize efficiency.

Word Frequency — *C Program*

FEBRUARY 2018

Designed a fast, memory-efficient program to count the frequency of all words in text and binary files using a self-made hash table.

EMPLOYMENT

ZonGuru — Support/Project Intern

JUNE 2018 - OCTOBER 2018

Completed a variety of projects including researching marketing software, creating leads, and posting social media content. Gained real-world experience communicating and collaborating with a team.

Stafford Hills Club, Tualatin, OR — Facilities/Cafe Attendant

JUNE 2017 - SEPTEMBER 2018

Helped lead co-workers in multiple departments. Consistently used problem-solving skills to complete tasks and attend to customer needs. Assisted in training new team members.

TECHNICAL SKILLS

Languages: C, Java, Python, C++, ARM, LC3, Bash Scripts, Racket

Applications: Bash, Vim, PyCharm, IntelliJ, Photoshop, Word, Excel, Powerpoint, Cyberduck

RELEVANT COURSEWORK

Systems Programming, Data Structures, Project-Based Object-Oriented Design, Computer Architecture, Physics Series, Technical Writing for Engineers, Public Speaking

HONORS

Cal Poly Dean's List Fall 2017 and Spring 2018, West Linn High School Honor Roll/Honor Grad, West Linn High School Swim Team Captain