
ALLEN ZHAI

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CAREER OBJECTIVE

A goal-oriented undergraduate with proven skills in Python, Java, and C, seeking to contribute impactful ideas and solutions as a software engineer.

EDUCATION

California Polytechnic State University, *San Luis Obispo, CA* Expected Graduation: June 2021

B.S. Computer Science

Overall GPA: 3.48

- *Relevant Coursework:* Intro to Computing: Creating iOS Apps, Data Structures, Project-Based OO Prog and Design, Systems Programming, Tech Writing

PROJECTS

Personal Website	Huffman Encoding	Remind Me
Designed and coded an accessible platform using bootstrap to display personal projects and resume. Utilized Github to host a free domain	Implemented a lossless data compression algorithm utilizing a huffman tree.	Coproduced an application as lead developer through Xcode and implemented an account system through Firebase. Built front end layout based on wireframes created by the design team.

EXPERIENCE

Club President | *Rotary Interact*

Sep 2016 - Jun 2017

- Organized and coordinated fundraisers and meetings for international and local projects
- Collaborated with 8 other club presidents within the school district

Team Leader | *Galileo Summer Camp*

Summers 2016 - 2018

- Assisted with an educational program of 300 kids between grades K-8 by designing posters, preparing food, engaging in bonding activities, and handling peer conflicts
- Guided a group of 20 campers through 7 weeks of math, art, and science activities and projects, while building strong team spirit between campers

PROGRAMMING SKILLS

- Proficient: Java, C
- Intermediate: Python, PyQt
- Beginner: Swift, HTML, CSS, JS, Bootstrap, Tkinter

INTERESTS & HOBBIES

Interests: Artificial Intelligence, Augmented Reality, Cybersecurity, Game Development

Hobbies: Ultimate Frisbee, Basketball, League of Legends, Fortnite, Drawing
