Hevin Jantasmin

San Luis Obispo, CA | 415 430 7145 | hjantasm@calpoly.edu

github.com/hevinjant | linkedin.com/in/hevinjant

https://hevinjant.github.io/my-portfolio-website

EDUCATION

California Polytechnic State University, San Luis Obispo   **Present**

Computer Science   Overall GPA: **3.928** | Expected graduation: March 2023

Relevant Coursework: Data Structure and Algorithm, Object Oriented Programming (OOP), System Programming, Computer System Organization, Software Engineering.

WORK EXPERIENCE

Programming Tutor and Office Assistant   June 2018 – May 2020

Academic Computing Research Center at City College of San Francisco

- Guided 7 to 10 students per day to understand basic programming concepts in iOS Swift, C++, C, and Python programming language.

Mathematics Tutor

Learning Assistance Center at City College of San Francisco   Aug 2019 – May 2020

- Guided 4 to 6 students per day to improve their learning ability in advance Algebra and Calculus.

Web/Mobile App developer

PT Guna Elektro   June 2021 – Aug 2021

- Worked in a team of three people and developed web/mobile application for internal warehouse management using Microsoft 365 platform such as SharePoint, Power Apps, and Power Automate.

ACHIEVEMENT

First Winner of Progress Database at API World 2018 Hackathon   Sept 2018 | San Jose, CA

- Brainstormed and executed idea in a group of three people to make a mobile app in iOS Swift and used Progress Database API for the backend.

SKILLS

C++, C, Python, Java, JavaScript, iOS Swift, React, HTML, CSS, RISC-V, Unity Game Engine, Microsoft 365 Power Apps and Power Automate, MongoDB, Amazon Web Service (AWS), Firebase, Google Cloud Platform.

PROJECTS

BMP File Compression

- Developed multiprocessing program in C/C++ that is able to compress or decompress BMP file using lossless bit-level Huffman encoding algorithm and encrypted using bitwise XOR operation.

Messaging Mobile App

- Developed a real-time messaging mobile application using iOS Swift with UIKit and MessageKit. The app uses Firebase real-time database for real-time user interaction and supports text, photo, video, and location messages.

Spotify Based Social Media

- Developed a web application social media based on music. Using Spotify API and Spotify OAuth to access user's personal information and songs. Developed with React JavaScript, and Python Flask. The web application is deployed to Heroku and the data is managed using Atlas MongoDB database.