

Noah Shah

✉ noshah@calpoly.edu

Education

California Polytechnic State University - San Luis Obispo

Sep. 2020–Jun. 2024

Bachelor of Science in Computer Science

GPA: 3.73

Relevant Coursework: Data Structures, Project-Based Object-Oriented Programming and Design, Systems Programming, Design and Analysis of Algorithms, Introduction to Database Systems, Introduction to Computer Graphics

Skills

Programming Languages: Python, Java, C++, C#, JavaScript, Dart

Frameworks: React, Node.js, .NET, Quart, Flask, Material-UI, Flutter

Experience

Hack4Impact, *Software Engineer*

Sep. 2021–Present

- Collaborated with an 11 person team to create a volunteer management system using React.js
- Created form components with input validation including mandatory fields and constraints where necessary such as email and phone number
- Used 100's of data points from MongoDB to design a table of users in React.js with fields for name, email, and role with a search feature

Chevron, *Software Engineering Intern*

Jun. 2022–Sep. 2022

- Generated an API in .NET to transfer 1000+ JSON files from Microsoft Azure to laboratories generating over 10 thousand dollars in business value
- Devised a digital technical magazine solution in Power Automate and SharePoint allowing users to print and track different magazine issues
- Coordinated with teams across multiple departments finding different perspectives for solutions to insufficient data transfer tools
- Experienced the Agile Scrum methodology by creating user stories and planning sprints

Projects

Discord Bot

Dec. 2020

- Developed a bot in Python that uses the Twitch API for notifications when streamers go live for Discord, stored the streamers in MongoDB
- Implemented tracking of TV shows to notify Discord when a new episode airs, capable of adding, removing, and modifying shows
- Utilized the Quart framework to create a web server that subscribes to API events from Twitch with a callback

ProfileDrop

Apr. 2022

- Created a Flutter mobile app built for college students to find other students at conventions
- Utilized geolocation libraries within Flutter in combination with MongoDB to find nearby users
- Worked with a team of 5 people to accomplish communication with MongoDB, user interface design, and generate a proof of concept