

Vinpatrik Magdangal

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EDUCATION

California Polytechnic State University, San Luis Obispo

June 2025

Bachelor of Science in Computer Science

Relevant Coursework: User-Centered Interface Design and Development, Introduction to Database Systems, Introduction to Software Engineering, Programming Languages, Introduction to Computer Security, Systems Programming, Design and Analysis of Algorithms, Data Structures, Computer Architecture, Project-Based Object-Oriented Programming and Design

TECHNICAL SKILLS

Programming Languages: Javascript, Python, Java, C, Racket, SQL, CSS, HTML

Software Tools: Figma, REST APIs, Git, Microsoft Office, Google Workspace, Adobe Photoshop, Adobe Illustrator

PROJECTS

OrganizZen, Web App, Intro to Software Engineering Final

Utilized Tools: Figma, Javascript, React, Node.JS, Express.JS, MongoDB, Microsoft Azure, AGILE

- Created a web application that helps users manage tasks during their daily lives
- Used Figma to create a high-fidelity prototype and gathered feedback to improve design
- Fully set up a backend to save data between user sessions, then hosted on Azure

Recipea, Figma Prototype, 24 Hour UXFest Designathon Entry

Utilized Tools: Figma, Google Forms

- Worked alongside a team to design mobile app in Figma that generates cooking recipes
- Responsible for conducting user testing and providing feedback to the rest of the team
- Designed a responsive sign-up page in Figma based on feedback from peers and users

BobaBot, Discord Bot, Personal Project

Utilized Tools: Javascript, discord.js

- Created a bot on the Discord social platform that allows users to play a game where they run a virtual boba shop
- Allowed users to use buttons and chat messages to navigate menus and unlock new ingredients

EXPERIENCE

California Polytechnic State University - San Luis Obispo

April 2024 – June 2024

Instructional Student Assistant

- Worked alongside instructors for an Industrial and Manufacturing Engineering class on databases, relational models, and using SQL queries on MySQL Workbench.
- Assisted and gave feedback to instructors to update and modify existing class content to provide a better educational experience for students.
- Utilized a deep understanding of SQL to grade college-level coursework alongside giving feedback on SQL queries for dozens of students.

Cal Poly Dining

January 2023 – June 2023

Student Assistant - Food Service

- Demonstrated excellent teamwork, time management, customer service, and communication skills.