

Kevin Babakhani

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EDUCATION

California Polytechnic University, Pomona B.S, Computer Science	August 2022 - December 2024 3.81 GPA
Awards and Involvement: CPP Dean's List (2023-2024), Presidents List (2024)	
Glendale Community College A.S, Computer Science	June 2020 - August 2022 3.86 GPA

WORK EXPERIENCE

Coding Mind Academy Coding Instructor	October 2024 - Present Remote
<ul style="list-style-type: none">Instructed K-12 students on a wide range of coding topics including Python, C++, JavaScript, HTML/CSS, Flutter, etc..Developed and delivered interactive lesson plans tailored to various age groups and skill levels.Guided students through hands-on coding projects and workshops, fostering critical thinking and problem-solving skills.Assessed student progress and provided individualized feedback to enhance learning outcomes.Adapted teaching strategies to align with each student's learning style, ensuring an inclusive learning environment.	
Associated Students Incorporated (Cal Poly Pomona University) Operations Attendant	January 2023 - December 2024 Pomona, CA
<ul style="list-style-type: none">Checked out equipment for students, improving customer service/satisfaction.Participated in meetings and helped plan decisions for future job description and tasks.Maintained campus lost and found, increasing student item findings by 35%.Provided emergency care for safety of students/faculty, ensuring safety.Executed rounds/counts of the building every hour, securing building health while communicating with the team.	

PROJECTS

<u>SerenityNest</u> — Flutter/Dart/Firebase	April 2024 - Present
<ul style="list-style-type: none">Creation of a mental health android app called SerenityNest to improve the mental health of all users.Implemented authentication for secure user login, supporting email/password and Google sign-in along with dynamic light/dark mode toggle for improved user experience.Utilized state management to enhance app stability and ensure proper navigation across asynchronous operations.Implemented error handling for user authentication, providing real-time feedback to users via UI alerts (SnackBar).	
Link: SerenityNest	

<u>CPP Bronco Dining Guide</u> — JavaScript/HTML/CSS	February 2024 - Present
<ul style="list-style-type: none">Designed and implemented user-friendly UI for seamless navigation of dining options at Cal Poly Pomona University.Integrated real-time dining updates to provide users with current meal offerings and availability.Made during CPP's 2024 BroncoHacks Hackathon.	
Link: CPP Bronco Dining Guide	

<u>LuminosityLEDs</u> — React/NodeJS/ExpressJS/TypeScript/MongoDB	October 2023 - Present
<ul style="list-style-type: none">Software developer for the backend team of LuminosityLEDs.Developed and maintained dockerized microservices for a ActiveMQ notification system for reliable message queuing and real-time notifications via code deployment to production cloud service.Implemented efficient MongoDB connection handling across multiple services (server, publish, subscribe) to minimize redundant connections.Worked with Agile methodologies such as Kanban and Scrum and participated in weekly team meetings.	
Link: LuminosityLEDs	

SKILLS & HACKATHONS

- Skills:
 - Programming/Software: Java, C++, Git/GitHub, Python, C, HTML, Linux, MySQL, JavaFX, Atlassian: Confluence/Jira, TypeScript, JavaScript, Docker, MongoDB, Firebase, Flutter, Dart, React, Blender, C#, Unity, NodeJS, ExpressJS
 - Miscellaneous: Excel/Word/Teams, HTTP, Bilingual, YouTube Content Creator, Works Well In Group Settings.
- Hackathons: CPP 2024 BroncoHacks