Nickaan Jahadi

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EDUCATION

California Polytechnic State University, San Luis Obispo   Expected June 2026
Bachelor of Science, Computer Engineering
GPA: 3.92
Relevant Coursework: Data Structures, Systems Programming, Microcontrollers and Embedded Applications, Intro to Software Engineering, Project-Based OO Programming and Design, Computer Architecture, Computer Design and Assembly Language Programming, Continuous-Time Signals and Systems, Electrical and Electronic Circuits Series, Digital Design, Discrete Structures

SKILLS

Software: Java|C|Python|HTML/CSS|Javascript|React.js|Node.js|REST API|Verilog|Linux/UNIX|RISC-V Assembly|Git
Hardware: Raspberry Pi|Oscilloscope|FPGA|Digital Multimeter|Waveform Generator|DC Power Supply
Applications: Xilinx Vivado|LTspice|STM32 IDE|Arduino|Autodesk Inventor|Autodesk Fusion 360|Microsoft Office

PROJECTS

Raspberry Pi Intelligent Camera
Raspberry Pi | TensorFlow | Python

- Developed an intelligent imaging device, combining Raspberry Pi with Vision Bonnet, camera, buzzer, LED, and push-button components
- Implemented TensorFlow machine learning framework to enhance camera functionality, facilitating seamless object and facial recognition

Raspberry Pi Natural Language Processor
Raspberry Pi | Google Cloud Platform | Python

- Assembled an intelligent speaker comprising Raspberry Pi with Voice Bonnet and push-button
- Integrated the Google Assistant API to enable advanced voice recognition and natural language processing capabilities

Arduino Glitter Security Package
Autodesk Fusion 360 | Arduino

- Engineered and optimized a package security solution utilizing an Arduino Uno microcontroller, 3D-printed components, DC and Servo motors, LED/photoresistor technology, and an integrated speaker

EXPERIENCE

Orientation Leader   April 2023 - Sept. 2023
Cal Poly Slo | San Luis Obispo, CA

- Completed 3 months of extensive leadership training to perform a week long role
- Guided 20+ incoming freshmen through a dynamic collection of activities, events, and programs tailored to engage new students with campus life and resources

Warehouse Associate   May 2022 - Sept. 2022
Halo Headband | Poway, CA

- Processed over 150,000 products through strong collaboration, fulfilling multiple orders daily to meet increasing demand
- Oversaw work environment after promotion, maximizing efficiency and organization among self and peers

Front End Associate   May 2021 - Nov. 2021
Walmart | Poway, CA

- Executed product transactions, operating cash register and self-checkout kiosks
- Coached 30 new team members in register operation and stock procedures
- Collaborated with a team of 15 colleagues for 25+ hours in the customer service center to uphold an exceptional reputation of satisfying customers

ACTIVITIES/HONORS

Member, Computer Engineering Society - Cal Poly   2022 - Present
President's Honors List (x2) - Cal Poly   2022 - Present
Dean's Honors List (x6) - Cal Poly   2022 - Present