

Samuel Duong

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EDUCATION

California State Polytechnic University, Pomona

B.S. Electrical Engineering Candidate - GPA 3.2

Expected Graduation: December 2025

WORK EXPERIENCE

Morrow-Meadows Corporation

Project Management Intern

City of Industry, CA

June 2024 - August 2024

- Communicated with general contractors regarding change orders, drawings, and progress reports regarding construction projects
- Priced new proposals for potential projects with Morrow-Meadows Corporation clientele
- Participated in job walks and meetings to ongoing projects all over Southern California
- Generated building drawing overlays using Bluebeam Revu for comparison, discussion, and improvement

Idea House + Disney Resort Japan Project

Customer Experience Build Team Member

La Verne, CA

February 2024

- Engaged in manufacturing of theme park decor production for Tokyo Disney Resort as a part of a contracted project
- Participated in quality assurance and control, focusing on engineering standards ensuring durability and safety
- Operated technical fabrication of materials, finishing techniques, and logistical planning to meet project specifications
- Demonstrated problem-solving skills and technical proficiency as part of a multidisciplinary team

10CT Controllers

Build & Assembly Team Member

Upland, CA

July 2022 - June 2023

- Collaborated with team of 3 in the assembly of customized video game controllers
- Improved production efficiency to match the rate of the founder of the company within a month
- Specialized in solder and desolder of electrical components onto printed circuit boards
- Analyzed issues of dysfunction with controllers to repair and refurbish (Hardware review, Software tool input analysis)
- Managed calibration of video game controllers for optimized functionality, specific to the client's needs

EXTRACURRICULARS & ORGANIZATIONS

Bronco Esports

Events Coordinator

Pomona, CA

August 2023 - Present

- Plan, coordinate, and execute weekly events for 15+ regularly attending members
- Delegate tasks to a core team of 4 to efficiently set up and clean up the event
- Provide a safe and ambitious space for members to socialize and engage in competitions of skill
- Monitor multiple facets of a gaming event (attendee relations, video streaming, event advertising)

Momentum Robotics

Team Member 2017-2018, Electrical Lead 2018-2020, Captain 2020-2021

Long Beach, CA

August 2017 - June 2021

- Designed and installed power systems for a large-scale robot as a part of FIRST FRC
- Taught and provided insight to underclassmen on robotic power systems as the team's electrical lead
- Delegated tasks and projects to the whole team to create a proposal for a robotics competition as team captain

SKILLS + RELATED COURSEWORK

- Altium PCB Designer
- Circuit Analysis Software (PSpice, Simulink)
- Soldering
- IDEs (MPLAB X, Arduino, Visual Studio)
- Fabrication Processes (CNC, Laser, 3D Printing)
- Bluebeam Revu
- Power Engineering
- Microelectronics
- Microcontrollers
- Digital Logic Design
- Control Systems
- CAD (Autodesk Inventor, Solidworks)