

# Samuel Duong

(562) 336 - 5305 | samuelduongggg@gmail.com | [linkedin.com/in/samhduong/](https://www.linkedin.com/in/samhduong/) | <https://sam-duong.com/>

## EDUCATION

### California State Polytechnic University, Pomona

B.S. Electrical Engineering Candidate - GPA 3.46

Expected Graduation: December 2025

## WORK EXPERIENCE

### Southern California Gas Company

Electrical Engineering Intern - Gas Engineering

Los Angeles, CA

January 2025 - Present

- Support Electrical team members with project kick-offs and closeouts, including compiling Electrical closeout packages, drafting As-built packages, and communicating between multidisciplinary teams to further aid the project process
- Design and fabricate safety labels for electrical equipment owned by SCG regarding short-circuit information, arc flash hazard ranges, and PPE requirements following SCG standards
- Organize administrative files to easily locate and identify many different projects currently happening within the Electrical Engineering and Design Team

### 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

### 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 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

- PCB Design Software (Kicad, Altium)
- Circuit Analysis Software (PSpice, MATLAB)
- Soldering
- IDEs (MPLAB X, Arduino, Eclipse)
- Fabrication Processes (CNC, Laser, 3D Printing)
- AutoCAD
- Construction Management Software (Procore, Austin Lane)
- Microsoft Office
- Bluebeam Revu