

SAMRATH BAWA

samrathbawa@outlook.com | sambawa.dev | github.com/samrathbawa

SKILLS

Electrical and Programming: Soldering, Lighting, C++, C#, Java, Python, CSS, JavaScript, HTML, Git

3D Printing: Maintaining machines, Slicing, Design, Safety operating

Laser Cut and Engraving: CAD, CO2 Laser, Assembly, Safety Protocols

Woodworking: Bandsaw, Tablesaw, Sanding, Staining

Professional Communication: Collaborating with other groups, Handling disputes within group civilly

Autonomy: Completing tasks with minimal guidance and supervision

Project Management: Time management, Managing group roles

EXPERIENCE

Jr. Auxiliary Volunteer

May 2024 – May 2025

Hoag Hospital

- Providing support services to patients, visitors, and staff
- Customer services, general information, and wayfinding around the hospital
- Wheelchair services

Student

August 2023 – June 2025

Woodbridge High School Makerspace

- 3D printing on Prusas
- Electronics including microcontrollers, soldering, and lighting
- Woodworking and CAD

Vice President

August 2023 – June 2025

Woodbridge High School Web Development Club

- Helping fellow club members learn web development
- Teaching HTML, JavaScript, and CSS
- Created websites for multiple clients such as other clubs and teachers

EDUCATION

California State Polytechnic University, Pomona

2025 – 2029

Bachelor of Science in Computer Science

Woodbridge High School

2021 – 2025

High School Diploma