

# Robin Lee Simpson

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## EDUCATION:

**Pasadena City College - Pasadena, CA**  
**Associate in Computer Hardware and Software Engineering**  
**GPA: 3.9**

**Expected Graduation: 2023**

## RELEVANT COURSES

- Engineering Circuitry
- Computer Science: C++, Java, Python, Data Structures
- Calculus Series
- Linear Algebra
- Discrete Math
- Physics Series
- Chemistry

## TECHNICAL/NON TECHNICAL SKILLS:

- C++
- Python
- Altametrics
- Java
- JavaScript, Rust
- Windows 10, Windows 11
- Microsoft Word, Excel, Powerpoint
- Github, VScode, Visual Studio
- Flow Charting
- HAAS/CNC (CAD/CAM)
- Management

## WORK EXPERIENCE

**Argonne National Laboratory, Lemont, IL**      **Intern**      **June 2022 - Present**

- Create synthetic replications of industrial control system infrastructure in virtualized and cyber-physical tasking.
- Design, test, and implement IT and OT systems.
- Create vulnerabilities, configure networks, and systems for a full-stack development.

**STEAM CODERS, Los Angeles, CA**      **Assistant Instructor**      **February 2022 - Present**

- Teach Computer Science for K-12 ranging from beginner to advanced levels.
- Assist main instructor in preparing class syllabus, lesson plans, presentations, and other materials
- Educate students in 8-16 week programs from 1-1 tutelage to 20+ students
- Instruct with Scratch, Python, Javascript, Java, and C++ depending on curriculum

**Spitz, Eagle Rock, CA**      **General Staff**      **May 2021 - October 2021**

- Improved material management and preparation by creating a streamlined process
- Operate both front of the house operations and back of the house responsibilities with 5+ employees
- Surpassed expectations by learning the responsibilities of each position in order to assist all employees

**Little Caesars, La Crescenta, CA**      **Assistant Manager**      **July 2020 - May 2021**

- Operate and supervise the store with two other crew members
- Manage scheduling of employees with Workday, Altametrics, and sheets
- Order inventory and manage shipments totalling \$1K-2K.
- Log operations, transactions, handle internal safe and cash transfers of \$700+, and food orders

## OTHER EXPERIENCES

**Computer Science Club and MESA Program, Pasadena City College**      **Student**      **January 2021 - Present**

- Completed Data Structures and C++ path with multi file applications
- Learning Front End development via Javascript and HTML
- Applied Visual Studio, VScode, MinGW, SDL2, SFML, GIT in projects; <https://github.com/TeachMeTW>

**Clark Magnet HS and Glendale Community College, Glendale, CA**      **Student**      **August 2016- June 2020**

- Assembled computers and electronic circuits such as arduinos.
- Proficiency and NIMS Certification in Milling CAD/CAM
- Operated HAAS Super Mini Mill 2, HAAS DS-30y, Lathes, Mill, and CNC Router
- Studied GCC Dual Enrollment and CSU Northridge Class on 3D modeling and Engineering Systems