Camille West

Las Vegas, NV | Camillewest2002@gmail.com | https://github.com/ProfessorSocks |
www.linkedin.com/in/camille-west-646b49269

SUMMARY

Motivated Computer Science student with hands-on experience in Python, basic software development, hardware troubleshooting, and Raspberry Pi projects. Strong problem-solver with a passion for learning and engineering, seeking an entry-level technical role where I can grow quickly and contribute to real-world systems.

EDUCATION

Computer Science – Coursework in Progress
CompTIA Certification (In Progress) – Expected 2026
Mechanical Engineering – In Progress - Expected Graduation: 2029

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript
- **Tools & Platforms:** Git, GitHub, Linux (basic)
- **Hardware:** PC Building, Raspberry Pi
- **Design:** CAD, 3D Printing

PROJECT EXPERIENCE

Personal Programming Projects	Raspberry Pi Projects	PC Building
Developed small Python-based games to practice logic, control flow, and debugging Applied problem-solving skills to improve code efficiency and functionality	Configured Raspberry Pi systems for experimentation and learning Worked with Linux-based environments and basic hardware integration	Assembled and configured desktop PCs Installed operating systems and performed troubleshooting

CORE STRENGTHS

• Fast learner
• Strong problem-solving ability
• Self-motivated
• Adaptable and teachable
• Detail-oriented

CURRENTLY LEARNING

• Linux system fundamentals
• Advanced Python
• Computer Science principles

TECHNICAL EXPERIENCE & DEPTH

3D Printing & CAD

• Over 10 years of hands-on experience with 3D printing systems, beginning in early adolescence and continuing through present
• Experience with resin, carbon fiber–capable, and multi-material FDM printers, including systems with automatic material switching (AMS)
• Managed full 3D printing workflows: requirements gathering, CAD design, slicing, printer setup, printing, and iterative refinement
• Designed functional parts both from scratch and by modifying existing designs to meet real-world use cases
• Diagnosed and resolved print failures through calibration and print-setting adjustments (supports, rafts, layer height, infill, material tuning)
• Iterated designs through test prints to validate fit, strength, and functionality before final production

CAD Tools

Tinkercad (primary proficiency), Blender (coursework and ongoing development), FreeCAD (basic part design and parametric concepts)

PC Building, Hardware & Systems

• Built first custom PC in early teens and continued building and upgrading systems over time
• Installed and configured system components including CPUs, GPUs, RAM, storage, and power supplies
• Installed and configured operating systems (Windows and Linux) on desktops, laptops, and Chromebooks
• Worked with BIOS/UEFI environments for system setup, troubleshooting, and configuration
• Diagnosed and resolved hardware and boot-related issues through systematic troubleshooting

Raspberry Pi, Linux & Technical Problem-Solving

• Used Raspberry Pi systems for learning Linux, experimentation, robotics projects, and general-purpose computing
• Comfortable working in Linux environments, including command-line navigation, system setup, and following technical documentation
• Developed a troubleshooting approach focused on long-term solutions: identifying root causes, selecting appropriate tools, testing safely, and escalating only when necessary
• Strong preference for understanding systems deeply rather than applying quick fixes