

SEBASTIAN WESLEY

San Luis Obispo, CA (current) | Cave Creek, AZ (permanent)
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EDUCATION

California Polytechnic State University, San Luis Obispo

B.S. Biomedical Engineering - Japanese Minor, Year 2

WORK EXPERIENCE

CTO — Jennifer B Wesley PLLC, Family Real Estate Business

current

- Direct technology for a small, family-run real estate business
- Built and maintain the company's miscellaneous tools and a companion PDF annotation tool for real estate documents

Crew Member — Taco Bell

~18 hrs/week, current

- Balancing part-time work with a 19-unit course load

Crew Member — Dairy Queen, Phoenix, AZ

June 2023 – June 2024

- Operated POS system, handled cash/card transactions, supported team during peak hours

Sales Assistant — JLW Designs (small business), Phoenix, AZ

Sept 2023 – Aug 2025

- Set up and ran vendor booths independently; designed product displays to drive sales

Founder & Seller — Computer@eBay

May 2020 – Nov 2020

- Bought, repaired, and resold computers; managed shipping and customer communication; \$6,000 gross revenue

PROJECTS

Verjuice — Cross-Platform Compatibility Tool

- Developed a compatibility tool for running Windows-based applications smoothly across operating systems

Chickens VS Llamas — Custom 2D Engine & Roguelite

- Designed and built a custom 2D game engine and roguelite game from scratch using C/C++

Thermal Reheating Container

- Engineered a portable thermal reheating container prototype integrating mechanical design and thermal insulation concepts

Enterprise PDF Annotation & Document Tool

- Created a custom PDF annotation and document management tool tailored for real estate document workflows

FRC Robotics — Manufacturing — Phoenix Country Day School (10th–12th grade, 3 years)

- Served on the manufacturing sub-team, machining robot components each build season using a mill, lathe, circular saw, and band saw
- Built and programmed competition robots with a team for FIRST Robotics Competition (FRC) across 3 seasons

SKILLS

- Machining: mill, lathe, circular/band saw
- Programming: Python, C/C++ (self-taught, AI-assisted development)
- Systems: Linux (Debian, PopOS), self-hosted computing environments
- Workplace: computer hardware repair, time management