

Harry You

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WORK EXPERIENCE

Tyler Pool Service

June 2018 – Present

Pool Service Technician

Fontana, CA

- **Ensured** safe and hygienic water quality through rigorous water testing and treatment
- Repair and maintain pool systems (ie. pool filters, pumps, lights, plumbing, autocleaners, etc.)
- **Taught** customers to be familiar with their personal pool system and their pool's condition
- Continually stay well-informed on new standards and technology developed within the industry to ensure maximum knowledgeability and preparation when encountering numerous systems used by consumers

EDUCATION

University of California, San Diego

Graduated June 2022

Bachelor of Science, Computer Science

La Jolla, CA

- Relevant Coursework: Advanced Data Structures, Design & Analysis of Algorithms, Theory of Computation, **Software Engineering**, Principles of Computer Operating Systems, Components and Design Techniques for Digital Systems, Introduction to Computer Architecture, **Introduction to Computer Security**, **Introduction to Machine Learning**

PROJECTS

- **Pomodoro Timer** – Personally responsible for setting up the pipeline and authorizing commits. As a team of five, we created a pomodoro website utilizing the **Agile** work cycle, **CI/CD pipeline**, **roadmap**, **wireframes**, **user profiles**, **system diagrams**, and prototypes. In our scrum meetings, we documented Architectural Design Records. My partner and I oversaw the programming of the timing logic of the website.
- **Ubuntu Home Server** – Starting with 18.04 LTS, maintained a **home server** for the purpose of: storing **emergency backups**, acting as a **remote file server** that could be ssh'd into, hosting a **Linux Minecraft server** for friends, and tinkering on **virtual machines** to further explore concepts learned in classes.

SKILLS & INTERESTS

- **Skills:** Strategic Planning; Market Planning, Data Redundancy
- **Tools:** Git; HTML; CSS3; Javascript; Markdown; Java; **Python**; **C**; C++; **C#**; **SQL**; VS Code; Docker; Windows OS; Ubuntu LTS; Matlab, SQLite; Arduino
- **Experience with:** **Agile**, Buffer Overflows, Side Channel Attacks, SQL Injection, Cross Site Request Forgery, Cross Site Scripting, Cryptography, **Security Hygiene**
- **Interests:** Urban Exploration; Photography; Singing; Fishing; Lego; Gunpla; WH40K