

RYAN PINTO

Senior, UC Riverside
Computer Science (B.S.)

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 Newbury Park, CA

WORK EXPERIENCE

SAIC - Software Intern (Active Secret Clearance) 2025

- Ported large scale missile defense simulations built in Java & Fortran from Red Hat 8 to Windows 11 & Alma Linux 9, leveraging Python scripting to automate repetitive issues and maintain cross compiler compatibility across operating systems.
- Integrated classified model data into simulations to allow new features which were presented in the Space and Missile Defense Command (SMDC) Symposium while producing detailed documentation to aid future development.
- Delivered frequent bug fixes and feature enhancements, creating documentation to capture solutions, while gaining hands-on expertise with Git, Jira, and Linux through testing & review procedures

Verus Operations, Ltd. 2017 - 2023

- Launched a software company that developed, marketed, and sold anti-cheat solutions to prevent cheating in online games which protected thousands of customers. I also provided cloud hosting services to many of our clients.
- Successfully managed developers, tracked finances, and achieved profitability while acquiring core marketing skills

Trattner Holdings, Inc. 2019 - 2023

- Built a website to streamline the process of securing and archiving electronically signed contracts through *Veriff*.
- Developed, user-friendly interfaces, custom add-ons, and other upgrades that improved the overall user experience in Minecraft.

PROJECT EXPERIENCE

- Utilized *Virtualizor* to create a cloud hosting service which included multiple nodes and a large IP Range (/24), similar to *Digital Ocean* or *Amazon Web Services*.
- Developed a chess game with its own GUI and functionality for each piece so that the game could be played by 2 players, written in Java.
- Developed multiple functional characters complete with stats and progression, written in C++.

RELEVANT COURSE WORK

- Discrete Structures and Algorithms
- Machine Organization and Assembly Language Programming
- Computer Programming in C++
- Privacy in Computer Systems
- Introduction to Programming in Python
- AP Computer Science

EDUCATION

University of California, Riverside

 September 2022 - 2026*

 Riverside, CA

Newbury Park High School

 2018 - 2022

 Newbury Park, CA

CERTIFICATIONS & SKILLS

- Certified Scrum Master (CSM)
- Obtained Security Clearance
- Fortran, Java, C++, Python,
- Linux, Vim, IntelliJ, Eclipse,
- VSCode, VB
- Virtualizor (Cloud Services)
- Github/GitLab, Git, SSH
- Film Editing (Sony Vegas Pro)

INTERESTS

Snowboarding, Waterpolo,
Cricket, Swimming, Rugby