

Joseph Dugan

| joey@josephmdugan.com |

Education/Relevant Coursework

- Cal Poly Humboldt Arcata, CA
- Obtained Bachelors of Science in Computer Science in May, 2024
- Graduated Summa Cum Laude with GPA of 3.917
- Experience in Python, C++, Cuda, Swift, Oracle SQL, HTML, CSS, Git, Microsoft Office
- Knowledge in Data Structures, Algorithms, Database Design, Webapps, Software Engineering Practices, Computer Organization and Operating Systems

Work Experience

June 2024 – February 2025

IT Technician | Harper Motors | Eureka, CA

Worked IT Help Desk, maintained networks and systems, and performed administrative duties for software systems. Worked on-site at Harper Motors, Mid City Motor World, Eureka Motors, Sole Savers Eureka, and Northwest Acceptance. Worked remotely for Sole Savers Medford.

Fall 2023

Math Teacher | St. Bernard's Academy | Eureka, CA

Taught Algebra II to Sophomore Level High Schoolers.

January 2022 – May 2023

Substitute Teacher | St. Bernard's Academy | Eureka, CA

Taught 6th-12th grade students covering the subjects of chemistry, math, religion, film, English, and history. Successful in maintaining classroom focus while working with provided lesson plans or creating my own.

June 2018 – September 2022

Office Assistant | Pacific Partners Property Management | Eureka, CA

Secured tenants for available properties through meetings, phone calls, and email outreach, processed rental transactions, processed accounts payable and receivable, and designed and maintained company website.

Projects

- AltRole (March 2023): Campaign finder and schedule alignment tool for Dungeons and Dragons. Takes information of players with certain desires for fellow players and times to play and sorts into groups based on the information given. Made during Cal Poly Humboldt 2023 Hackathon.
- CSnake (May 2024): Educational video game based on Snake, where players move their on-screen character in the form of a Binary Search Tree. Breadth and Depth first search game modes included as well as character skins and adjustable difficulty. Made using GDScript in the Godot game engine.

Activities

August 2024 – May 2025

Confirmation Class Teacher | St. Bernard and Sacred Heart Parishes | Eureka, CA
Taught Theological and Cardinal virtues, Salvation History, lives of Saints, Fruits of the Holy Spirit, and Scripture to second year Confirmation students.

Spring 2022 – Spring 2024

Member | Cal Poly Humboldt Newman Center | Arcata, CA

Attended Newman events including Eucharistic Adoration and retreats.

Accomplishments & Acknowledgements

- Cal Poly Humboldt President's Honor Roll Recipient: Spring 2022 Semester, Fall 2022 Semester, Spring 2023 Semester, Fall 2023 Semester, Spring 2024 Semester.
- Raised \$7000 through community outreach with businesses and individual donors for St. Bernard's Academy math department through an ultramarathon fundraiser that I organized and ran.
- Raised \$10,000 for "Food For People" while working with multiple business partners, CA State Senator Mike Mcguire, and community outreach.
- Implemented and maintained new technology at St. Bernard's Academy to address needs of classrooms during COVID-19.
- St. Bernard's Academy Student Body President, 2020-2021.
- St. Bernard's Academy Salutatorian, Class of 2021.