

## EDUCATION

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- **Chapman University, Fowler School of Engineering** Orange, CA  
B.S. Computer Science; Game Development Programming Minor; GPA: 3.97  
7x Provost's List, 4-year Dean's Scholar Aug 2022 – Dec 2025

## EXPERIENCE

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- **Student Grader** Orange, CA  
C.U. Schmid College of Science and Technology Jan 2025 – Dec 2025
  - **Linear Algebra and Differential Equations:** Prepared keys for all homework sets, graded homework, quizzes, and exams across 20 assignments with up to 100 students per semester.
- **Software Engineer Intern** Orange, CA  
C.U. Residence Life and First Year Experience Jan 2025 – May 2025
  - **Python:** Leveraged OOP principles to develop a scalable GUI application to automate otherwise time-consuming managerial duties.
  - **Selenium:** Interfaced with Selenium to automate the access and completion of web-based tasks, cutting a 15 minute process to 5.
  - **Dear PyGui:** Utilized Dear PyGui to create an elegant, performant, and user-friendly application.
- **Resident Advisor** Orange, CA  
C.U. Residence Life and First Year Experience Mar 2023 – May 2025
  - **Management:** Responsible for the well-being of 50 Residents under direct supervision and 400+ total each year.
  - **Involvement:** Organized, planned, and executed monthly programs/events to build a healthy community.
  - **Guidance:** Mentored underclassmen both academically and as individuals for success.
- **Deputy Sheriff Intern** Seattle, WA  
King County Sheriff's Office May 2024 – Aug 2024
  - **Law Enforcement:** Rode-along with, shadowed, and performed patrol duties with a commissioned King County Sheriff's Office Deputy on assigned DUI emphasis patrol in the City of Burien, King County, Washington.
  - **Evidence Management:** Wrote reports and collected/documented/processed evidence for use in criminal trials.
- **Student Tutor** Orange, CA  
C.U. Tutoring and Learning Center Aug 2023 – May 2024
  - **1:1 Instructor:** Provided tutoring in the following subjects: computer science I/II, data structures, introductory mathematics, calculus I/II/III, general chemistry I, macroeconomics.

## PROGRAMMING SKILLS

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- **Languages:** C, C++, C#, Java, Rust, Python, SQL **Tools:** Git, Docker, Unity, PlasticSCM, Selenium, SDL3, Unreal, Aseprite, Blender

## PROJECTS

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- **Group18:** My own strongly-typed, compiled programming language that I am actively developing! Click the link for more info.
- **Csteroids:** An Asteroids inspired roguelite written entirely from scratch in C with the help of SDL3, a low-level graphics API. Click the link to play!
- **Banish the Light:** A 2025 IEEE GameSig Showcase semi-finalist, BTL is a 2D, dungeon-crawling Roguelike in active development as part of the Game Development capstone at Chapman University. Click the link to view our trailer.
- **PSX Horror:** A still unnamed horror exploration game where you play as a schizophrenic factory security guard. In active development with a team of IEEE GameSig Showcase winners. Click the link for media.
- **C2:** An application to automate and network form submissions as part of my SWE internship. Click the link for more info.