ABEL DANIEL

Anaheim, California

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Education

California State University Fullerton — **Expected Graduation: May 2025**
Bachelor of Science in Computer Science — *Fullerton, California*

Cypress College — **Jan 2019 – Present**
Dual Enrollment — *Cypress, California*

Relevant Coursework

- Software Engineering
- Algorithm Engineering
- Python Programming
- Java Programming
- Front-End Engineering
- Data Structures
- Linear Algebra
- Systems and Databases

Experience

Assure-US/LSAMP — **May 2023 – Present**
Researcher — *Fullerton, California*

- Entity recognition using a set of keywords to train an algorithm to identify and process food related words in an unstructured text from Twitter.
- Utilized an algorithm to receive a 86.7% accuracy rate at recall and detection of food-related words.
- The research aims to create a system that will extract the necessary information and respond with tailored information on reducing food waste and food safety based on user posts
- Presented at SCCUR a research conference and was a Finalist on CSUF Student Project Innovation Expo
- LSAMP Research Scholar and received NSM Award for it

Projects

Erased Love | *Python, RenPy Engine, Game Design* — **February 2024**

- Created and Lead a team of 8 Designers made of 2D Artists, UI Artists, Script Writers, Programmers and Musicians
- Designed project plans, sprints, and milestones to efficiency finish conceptualization, development, and refinement
- Mentored and fostered collaborations during Multiple Weekly Meetings to design polished work

Personal Website | *React, JavaScript, HTML, CSS, JSX* — **May 2024**

- Utilized front-end technologies such as React, JavaScript, HTML and CSS to design a Website
- Implemented UI/UX principles to create a intuitive and visual appealing Website to showcase polished pages including About Me, Skills, Photos and Projects

IMDB Discord App | *Python, PyCharm, API* — **January 2024**

- Created an Discord application using Python and PyCharm for users based on there preferences find a randomly generated Movie.
- Used Discord Bot API to both obtain and store the information necessary and allow the users to access.
- Utilized Python on Discord to create a UI for the application to allow the user to visually decide which type of movie they prefer

Hurdle Backend | *C++* — **May 2023**

- Developed and designed back-end functionality for a Wordle Clone using C++ for system efficiency
- Implemented using object-oriented programming practices such creating classes and functions for different states of the game.

Technical Skills

Languages: Python, C++, HTML/CSS, JavaScript, Java
Developer Tools: VS Code, PyCharm
Technologies/Frameworks: GitHub, React, Node.js Linux, RenPy

Leadership / Extracurricular

Association for Computing Machinery at CSUF — **Aug. 2023 – Present**
Marketing Officer — *Fullerton, California*

- Designing posters and creating announcements on multiple social platforms for weekly events for all branches of the Club

ACCESS Project — **Jan. 2024 – Present**
Participant — *Fullerton, California*

- Attend Weekly Events to Receive Mentoring from Industry Employees for workforce and extracurricular skills

Video Game Development Club — **Mar. 2024 – Present**
General Officer — *Fullerton, California*

- Coordinated with officers to plan and execute events, schedule meetings, and the day-to-day operations of the club.