

AC DE LEON

COMPUTER SCIENCE GRADUATE

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EDUCATION

San Diego State University
B.S. Computer Science
Class of August 2018, GPA 3.3
College of Sciences Dean's List

SKILLS

Programming Languages: JavaScript, Python, C#, C, C++, Java, TypeScript
Web Technologies: React.js, Node.js, Redux, Gatsby.js, Apollo, GraphQL, Git, HTML, CSS
Creative Software Engines: Photoshop, Illustrator, Premiere, Lightroom, Unity, Unreal
Databases: Firebase, Firestore, NoSQL, SQL

EXPERIENCE

San Diego State University · San Diego, CA
Computer Science Mentor

2018 - Current

- Coordinated weekly meetings with **10+ students** to mentor in data structures, algorithms, academic path, and mock interviews to promote productivity and learning.
- Successfully analyzed and debugged code written across varying backgrounds (Python, Java, C++, React.js) and provided feedback.

Aztec Game Lab · San Diego, CA
Front-End Developer

2017 - 2018

<https://github.com/AztecGameLab>

(React.js + Node.js + Redux + Firebase + Firestore)

- Contributed to design and source code to a **full-stack web application** using modern technologies to engage with the community.
- Administered and participated in game development **hackathons with 30+ participants** in order to cultivate development and collaborations within the community.
- Facilitated intricate workshops and presentations about the video game industry, product and game design, and the technical development process.
- Practiced Agile and Scrum in 1 week sprints with other developers.

PROJECTS

React.js Hackathon Reactathon

<https://github.com/AztecGameLab/Meme-Brulee-Reactathon-2018>

(React.js + Node.js + Redux + TokBox + Netlify)

- Pioneered a live-streaming web application that won **Top 6** Projects at Github HQ.
- Won **Creativity Award** for best use of Netlify functions and services.
- Programmed core application logic to play quick games, fetch API constructed images, and generate new posts.
- Utilized emoji sentiment feature with Microsoft Cognitive Services machine learning to analyze players' facial expressions.

DJ Soundboard Application

<https://thisismybeet.netlify.com>

(JavaScript + HTML + CSS + Netlify)

- Developed an input functional soundboard to have responsive design across desktop and native platforms.

Weather Application

<https://github.com/acfromspace/weatherchecker>

(React.js + Open Weather API + Bootstrap + Netlify)

- Developed an application to show current weather information dependent on the location given by the user.

Puzzle Game Application

<https://github.com/acfromspace/sirtet>

(Unity + C# + Photoshop)

- Developed a puzzle game with unique camera mechanics to enhance gameplay for the user.

Multiplayer Battle Arena Game Application

<https://github.com/acfromspace/knucklesbattle>

(Unity + C# + Photoshop)

- Developed a battle game with a team using networking capabilities, procedural generation, and artificial intelligence behaviors.

Learning Library Application

<https://github.com/acfromspace/infinitygauntlet>

- Curated all my learnings which include coding challenges and tutorials, delving into new technologies, and experimenting with APIs in order to extend information to colleagues for reference and for future projects.