

Xean Nguyenla

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EDUCATION

University of California, Irvine, Irvine, CA

Fall 2018 - Present

- B.S Computer Science // GPA: 3.735 // Expected Graduation: Spring 2022
- Campuswide Honors Collegium Student
- Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Computer Organization/System Design, Intro to Data Management, Intro to Artificial Intelligence, Next Generation Search Systems, Machine Learning & Data-Mining, Databases & Web Applications

SKILLS

- **Languages:** Python, C, C++, Java, x86 Assembly, HTML, CSS, Javascript, Dart
- **Technologies:** NodeJS, Express, Flask, MySQL, MongoDB
- **Graphic Design:** Adobe Photoshop/Lightroom/XD
- Highly experienced with planning events and delegating tasks
- Virtual leadership and community-building on Zoom and Canvas

WORK EXPERIENCE /LEADERSHIP

Sapphire Software, LLC, Remote (based in Irvine, CA)

April 2021 - August 2021

Intern

- Collaborated with fellow interns to develop components and functions of an all-in-one real-estate **Flutter** app tailored to brokers and agents for both iOS and Android devices
- Implemented the navigation bar and its routing to the different screens
- Implemented the front-end design of the dashboard screens and property screens

Office of Undergraduate Admissions, Irvine, CA

June 2019 - Present

Campus Representative

- Tour-guiding for groups of 20-60 people at a time
- Engaged a variety of audiences through effective public speaking and communication

PROJECTS

Mellowweather ([link](#))

- Collaborated in a team of four in **HackUCI 2021** to create a web application that generates a personalized Spotify playlist based on the current weather and the user's Spotify listening history
- Used **Node.js** with an **Express.js** framework to develop the back-end and implemented three APIs (Spotify, Metaweather, and Positionstack)

Wellness Notes

- Developed a web application that uses sentiment analysis and the user's Spotify listening history to recommend songs to either boost or maintain their mood
- Analyzed the user-inputted journal entries with **Microsoft Azure**
- Used **Flask** for back-end development and **MongoDB** to store user information and previous session recommendations

Columns Game Recreation ([link](#))

- Implemented all mechanics of Columns such as moving, rotating, and matching pieces
- Created a graphical, playable version in **Python** with **Pygame**
- Practiced clean-programming techniques and unit-testing to debug code

Respawn'd ([link](#))

- Collaborative submission to the **Adobe | Activision Creative Jam**
- Interactive prototype for a social media app that targets gamers interested in online interaction during quarantine created with **Adobe XD**