

Danny Nguyen

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Education

University of California, Irvine

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, GPA: 3.43/4.0

Irvine, CA

September 2021-June 2024

Edmond Memorial High School

HIGH SCHOOL DIPLOMA, GPA: 4.47/4.0

Edmond, OK

August 2017-May 2021

Skills

Languages	Python, TypeScript, JavaScript, Java
Frameworks	Angular, Flask, Express
Libraries	React, Jupyter, matplotlib, numpy, pandas, discord.py
Databases	Redis, MongoDB
Other	Node.js, Websockets, Docker, Heroku, Git

Projects

Rubik's Arena

BUILT ON REACT AND EXPRESS

- An interactive stopwatch that times a user's Rubik's Cube solves, with **online** multiplayer functionality implemented with a **websocket** connection.
- Developed at **HackSC**, an annual, **36-hour** hackathon hosted by the University of Southern California, with **600+** hackers.

HackSC, Los Angeles, CA

February 2022-PRESENT

ClashStats

BUILT ON DISCORD.PY (PYTHON)

- A **Discord bot** designed to optimize the player experience for Clash of Clans, one of the most popular mobile games of all time. Performs unique data analysis on essential in-game player data, using the official Clash of Clans API.
- **Ranked No. 1** by *Top.gg* for **#ClashOfClans** bots.
- Trusted by nearly **100** Discord servers, and over **80** active users.
- **Verified** by Discord staff.

August 2021-PRESENT

Sentysis

BUILT ON FLASK AND ANGULAR

- Want to see how people feel about your favorite *YouTube* cat video? Use Sentysis to view the **sentiment** of the audience, via the comment section.
- Utilizes the **VADER Sentiment** tool to analyze the top 100 comments' sentiments on a scale from -1.0 (the most extreme negative) to 1.0 (the most extreme positive).

February 2021-April 2021

Experience

OdeCloud, Inc.

SOFTWARE ENGINEERING INTERN (FULL-STACK DEVELOPMENT)

- Led the initiative to found a new R&D division: **OdeData**. Implements **data analysis algorithms** using **Jupyter** to calculate and plot quarterly company metrics.
- Helped develop and launch OdeCloud's **official Python package** on PyPi.
- Created **5** and maintained **10** OdeCloud API endpoints — furthering the development of the company's technology infrastructure.
- Helped launch **Kubernetes** deployment by containerizing repositories via **Docker**.

San Francisco, CA and Irvine, CA

October 2021 - PRESENT

Extracurriculars

Hack@UCI

HACKER & MEMBER

- Placed **2nd** in **ZotHacks**, an annual hackathon hosted by *Hack@UCI*, by building a **full-stack** web-app that utilizes **React**, **Flask**, and **MongoDB**.
- Attend and actively participate in software workshops to acquire new knowledge, including **React** and **R**.

Irvine, CA

September 2021 - PRESENT

Edmond Memorial IronDogz: FIRST Robotics Competition

PROGRAMMER AND LEAD WEB DEVELOPER

- Help program a robot to move via **joystick input**, **lift** objects, using **WPILib**, the **official FIRST Robotics** Java library.
- Led the development of the launch of the **IronDogz** website.

Edmond, OK

August 2018 - May 2021