

Danyal Nemati

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https://danyalnemati8.github.io/newjs/

EDUCATION

California State University, Fullerton, Fullerton, California

Bachelor of Science, Computer Science

Expected Graduation: May 2024

Relevant Coursework: Object Oriented Programming, Python Programming, Data Structures(C++), Statistics Applied to Natural Science, File Structures and Databases, Software Engineering, Artificial Intelligence(Python)
Dean's List for 3 Semesters

TECHNICAL SKILLS

- Programming Languages: Python, C++, Java, HTML/CSS, JavaScript, MySQL
- Frameworks: React, Bootstrap, Tailwind CSS
- Development Tools: GitHub, Git, FireBase, MongoDB Compass, Node.js, Linux Terminal

PROJECTS

Authenticator (Back-End)

August 2023 - Present

- Collaborated with peers to establish a MongoDB Compass database, facilitating user account creation and data management within web application
- Devised user sign-up and login functionalities, performing industry best practices to establish a secure and reliable authentication process, safeguarding user data against unauthorized access
- Engineered a robust user authentication system incorporating JSON Web Tokens (JWT) and one-time PIN (OTP) mechanisms for stringent request authorization, bolstering data security
- Employed bcrypt hashing algorithms to fortify the confidentiality of user credentials stored within the MongoDB Compass database, ensuring protection against potential security breaches

GPU Price (Front-End/ Back-End)

June 2023 - Present

- Collaborated to develop a dynamic web app using Python and JavaScript for real-time web scraping of New Egg 3060-90 series graphics card prices on NewEgg
- Utilized Google-Auth for secure data storage in Google Sheets and JavaScript to create an intuitive interface, providing users with valuable insights into pricing trends and market fluctuations
- Automated execution of Python script using GitHub workflows, streamlining process and ensuring timely and consistent data updates

Personal Portfolio (Front-End)

June 2023 - Present

- Constructed a personal portfolio website leveraging HTML, CSS, and JavaScript to boost interactivity and user engagement, ensuring a responsive design for optimal user experience on various devices
- Performed JavaScript to streamline form submissions, sending data to a Google Sheets database via the Fetch API for efficient data collection and organization, while also delivering user feedback for Contact Form

Movie Finder(Movify) (Front-End Design/Some Back-End)

December 2022 - February 2023

- Developed a dynamic web application with React for users to explore, search, and create movie playlists
- Implemented a robust user registration and authentication system by seamlessly integrating Google's Firebase Authentication services, enhancing user privacy and data security across the entire application
- Championed the development of an immersive, responsive user interface using Tailwind CSS, enhancing both appeal and user-friendliness

CERTIFICATIONS

- Meta Back-End Developer Professional Certificate (In Progress)
- Meta Front-End Developer Professional Certificate (In Progress)

EXPERIENCE

ASSURE-US

Fullerton, CA

Research Intern

May 2022 - July 2022

- Engaged in Python skill development through research under the guidance of Professor Bien. Experience has allowed to immerse in practical Python applications and deepen proficiency in the language
- Built a Python script to perform in-depth analysis on a powerlifting dataset sourced online, identifying correlations within the data

Woodbridge Village Association

Irvine, CA

LifeGuard

April 2019 - September 2021

- Promoted to Lead Lifeguard after a tenure marked by vigilant child safety measures and swift responses. Led the lifeguard team to maintain a secure aquatic environment

EXTRA CURRICULAR ACTIVITIES

- Active ACM (Association for Computing Machinery) Algorithms member at CSUF since September 2020
- Powerlifting California State Champion 2022