Michael Orlanes

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

University of California, Irvine | B.S. Computer Science | GPA: 3.77/4.00 | Graduated Jun 2023

SKILLS

- Python, Java, SQL, JavaScript, TypeScript
- React, HTML, CSS, Github
- Figma, Adobe XD
- Familiar with: Angular, C#.net, C++, C

CERTIFICATIONS

- **Certified ScrumMaster (Mar 2022)** – Proof of knowledge behind the Scrum Framework and AGILE as well as be able to guide a team to apply the ideas of Scrum
- **CompTIA Security+ (Aug 2023)** – A global certification that validates the baseline skills and knowledge needed to perform core security functions
- **Cal Arts UI/UX Design Certificate (Jan 2023)** – Proof of proficiency in the full UI/UX development process and practices

JOB EXPERIENCE

Sandia National Laboratories | *Software Engineering R&D Summer Intern*   Jun. 2021 - Aug. 2021
- Worked in Sandia's TracerFire program that trains hundreds of upcoming cyber-attack first responders by simulating multiple cyber-attacks and having participants play the role of corporate cyber first-responders
    - Configured the system and services used in the simulation such as setting up the directory and mail servers as well as verifying that the simulated attacks were being traced properly by other logging systems
- Worked as a Unit Tester, testing front-end components for an internal website that is used by IT to streamline corporate device management

UCI College of Health Sciences | *Student Digital Communication Assistant*   May. 2021 - Aug. 2022
- In charge of creating a multi-page website using WordPress and CSS given assets and references
- Created forms and surveys in Qualtrics used by hundreds of students and internal employees, using CSS to visually modify the prebuilt form components

TECHNICAL PROJECTS

Omni-mart | *Java, mySQL, HTML, CSS, Github, JavaScript*   Apr. 2021 - Jun. 2021
- A group school project based on full-stack development utilizing mySQL databases and mark up languages
- Allows users to browse, buy, and search from a fictional online store

UCI Search Engine | *Python*   Jan. 2022 – Mar. 2022
- A group school project based on a search engine that takes in user queries and searches through documents under certain UCI domains
- Utilizes tokenization, crawling, and web search

Rhythm Heaven Multiplayer | *Python, JavaScript, HTML, CSS, Github*   Nov. 2022 – Jan. 2023
- A web app that creates a make-shift multiplayer for a game series, by taking rhythm game names, randomizing them, and applying a point system based on rhythm game performance
- Utilizes Flask as the backend python framework, and HTML, CSS, and Javascript as the front-end

Restaurant Site Template | *React, TypeScript, Github*   Sep. 2023 – Present
- A static template for a restaurant website created using React and Material UI.
- Responsive design for multiple devices

RELEVANT COURSEWORK

- Data Structure Implementation and Analysis
- Project in Databases and Web Applications
- Software Testing, Analysis, and Quality Assurance
- Principles in System Design
- Design and Analysis of Algorithms
- Project in User Interaction Software
- Requirements Analysis and Engineering
- Computer Networks

HONORS AND AWARDS

- **UCI Regents Scholar** – Most distinguished University of California 4-year merit scholarship   Mar. 2019
- **Eagle Scout Rank** – Highest achievement attainable in Boy Scouts of America program   Mar. 2019