

SIMON LUONG

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EDUCATION

University of Central Florida, Computer Science, Bachelors of Science **2021 — Present**

- Expected May 2025 , Current GPA: 3.52
- Dean Honor List (2021 - Present)

Valencia College , General Education, Associate in Arts **2018 — 2020**

- Dean's Honor List (2018-2020), GPA: 3.95

Course Work

- Discrete Mathematics, Object-oriented programming, Computer Logic & Organization, Computer Science, Computer Science II ,Web and User Experience (UX), System Software, Topics of Cybersecurity, Computer Architecture, Statistics I, II, and III, Cyber Defense Analysis

EXPERIENCE

Software Engineering Front End Developer | Extropian **August 2024 — Present**

- Collaborating with the frontend team to develop a mobile application showcasing biometric data for golf athletes, with the aim of improving athletic performance for my Senior Design Project.
- Integrating machine learning algorithms to deliver precise biometric insights & tailor user experiences
- Developing and Designing of a full-stack mobile app using Flutter, Firebase, Figma, and AWS, providing real-time tracking and visualization of biometric metrics.
- Collaborating with the backend team to ensure smooth integration of wearable device data, enhancing data accuracy and user experience during initial testing phases.

PROJECTS

Amazon Prime Video Data Analysis and Visualization Dashboard

- Constructed an interactive Tableau dashboard for analyzing and visualizing insights from a dataset encompassing 10,000 movies and TV shows available on Amazon Prime Video as of Mid-2021.
- Utilized a variety of visualization techniques including radial bar charts, donut charts, area charts, horizontal bar charts, and geographical maps to illustrate diverse aspects of the data.
- Implemented a user-friendly click-to-detail feature, enabling users to access additional information such as type, release year, genre, duration, cast, and description by selecting a title on the dashboard

AI Article Summarizer

- Successfully replicated a AI Article Summarizer App, that takes a website URL and summarizes it.
- Utilized OpenAI technologies seamlessly through Rapid AI integration.
- Employed a modern tech stack comprising Tailwind CSS, Vite, Redux, and React JS, along with the Redux toolkit for efficient state management.
- Implemented real-time RTK query API requests for instant data retrieval.
- Enhanced user experience with features like one-click copy to clipboard and a history-saving mechanism using local storage.

SKILLS

- Code: Java, Javascript, ReactJS, C, Python, HTML, CSS, R (IP)
- Tools: Tailwind, Visual Code Studios, NextJS, Vite, Redux, Redux toolkit, Rapid AI, Tableau, GitHub, AWS, MySQL, NodeJS
- Certifications: CodePath Advanced Technical Interview Prep (June 2024 - August 2024), CompTIA (IP)

ACTIVITIES

Society of Asian Scientists and Engineer (SASE) **2023 - Present**

UCF Knight Hacks **2023 - Present**

UCF Men's Lacrosse Team Player & Media Director (MCLA | SELC Division 1) **2024 - Present**