

Winton Liu

☎ 917-622-0037 ✉ liuwinton22@gmail.com

PROFESSIONAL EXPERIENCE

Verizon

Software Engineer III

Jan 2023 – Dec 2024

- Restructured the leads management application to a micro-frontend architecture in React.js.
- Integrated a standardized leads creation process across four business channels that generates 50,000+ leads monthly.
- Achieved 100% compliance with WCAG 2.1 AA standards to enhance accessibility for representatives with visual impairments.
- Took ownership of refining user stories in Agile grooming calls to drive the development process in alignment to the team's goals and capacities.
- Mentored junior engineers in React best practices, fostering collaboration and ensuring at least 90% code coverage.

Software Engineer II

Jan 2022 – Dec 2022

- Led the design and development of a role-driven dashboard using React.js and the Google Charts library to support the organization's database migration progress.
- Developed a JSON/XML interpreter tool to automate API comparison rules, enabling rapid production parallel validations in a fast-paced Agile environment.

Software Engineer I

Jun 2020 – Dec 2021

- Migrated the caller validation UI from Sencha Ext JS to React.js to improve the experience for 40,000+ agents.
- Implemented reusable components and leveraged code splitting to reduce screen load time by 200%.
- Collaborated with Legal, Product, and Design teams to integrate Two-Factor Authentication, cutting the average validation time to under two minutes.

UF CISE Dept, Data Structures & Algorithms Teaching Assistant

Jan 2019 – May 2020

- Supported 40+ students with weekly discussions and office hours to reinforce concepts and address challenges.

EDUCATION

University of Florida, Gainesville, FL

Jun 2016 – May 2020

Bachelors in Computer Science, Minor in Business Administration

SKILLS

Languages: JavaScript, HTML/CSS, TypeScript, Python, Java, SQL, GraphQL

Libraries: React, Redux, React Router, React Query, Axios, Jest, React Testing Library, Styled Components

Frameworks and Tools: Git, Webpack, OracleDB, PostgreSQL, MongoDB, React Native, Electron

PERSONAL PROJECTS

Senchels

Jun 2024 – present

- Developing a mobile application in React Native to organize and rank users' cosmetics and skincare products.
- Utilizing Mongoose, MongoDB, and GraphQL for efficient data management and querying.

Bindify

2022

- An Electron application that enables hotkey-controlled audio playback and song management using Spotify API.