Rowena Chen

rwnchen@gmail.com • rwnchen.github.io • linkedin.com/in/rowena-chen

Skills

Proficient   HTML, CSS, JavaScript, React.js, Redux, Node.js, Express.js, InDesign, Illustrator, Photoshop

Knowledgeable   Next.js, JQuery, Python, SQL, Adobe XD, Framer

Some experience   Java, OCaml, React Native, Typescript, GraphQL, Mocha, Jest

Work Experience

Frontend Engineering Intern // NEC Laboratories America, Inc.   Apr 2020 – Present
- Built numerous webpages in React and Material UI featuring data-driven displays and interactive forms
- Utilized Amplify and GraphQL to interface with AWS-powered backend to query, display, and edit data
- Refactored and optimized various sections of legacy codebase, including complete rewrite of user management flow
- Built video player that renders an object-tracking overlay given bounding box data, with custom controls featuring a visual timeline

Game Design Research Intern // Prof. Erik Andersen at Cornell University   Jun 2017 – May 2018
- Collaborated with researchers to design an education game about phishing and published a paper at a top-tier conference. Full paper at bit.ly/what-hack
- Designed, prototyped, and created high-fidelity mockups to overhaul user interface
- Conducted 39 user studies to find a 36.7% increase in recognition of phishing attempts

Projects

Wanderlust // Full-stack Developer // bit.ly/ghp-wanderlust   Jan 2020
A service designed for travelers to meet and book trips with other like-minded travelers. Developed with React, Next.js, Sequelize, in Typescript with Cloud SQL database using Agile methodologies.
- Built interactive calendar component to select a user's preferred travel dates as well as display the preferred dates of other users
- Implemented booking flow that allows a user to select other users as tripmates and generates one itinerary with all associated users

Name Pending // Full-stack Developer // bit.ly/name-pending   Jan 2020
An e-commerce website that sells art prints. Developed with React, Express, Node.js, and Sequelize.
- Built component to display cart and RESTful API routes to store cart data locally
- Implemented checkout flow that connects frontend to a PostgreSQL database
- Wrote unit test suites utilizing Mocha and Jest to ensure robustness

Education

The Grace Hopper Program at Fullstack Academy   Oct 2019 – March 2020
- A 17-week immersive software engineering course teaching full stack web development with the SERN stack, culminating in two group projects and one hackathon project.

Cornell University // B.A. in Information Science   Aug 2014 – May 2018
- GPA: 3.6
- Minors in Computer Science and Game Design
- Relevant Coursework: Object-oriented Programming, Functional Programming, Human Computer Interaction Design, Intermediate Web Design, Advanced Game Design and Development