

VINCE LEE ZAK

SKILLS

FRONT-END

- JavaScript, TypeScript
- React, JSX, Redux
- Material UI, Bootstrap
- Handlebars
- jQuery

BACK-END

- Node, Express
- C#, .NET
- MySQL, Sequelize, PostgreSQL
- NoSQL, MongoDB, Mongoose
- GraphQL, Python

OTHER

- Agile Workflow, Asana, Canvas
- Data Processing & Analysis
- Windows, OSX, Linux
- Presentations & Teachbacks
- Graphic Design

WORK EXPERIENCE

UC BERKELEY EXT. CODING BOOTCAMP

Web Development
Instructional Specialist
Jan. 2022 - current
San Francisco, CA

- Curriculum development for algorithm design and complexity optimization.
- Instruct students on computer science concepts and practical coding principles in an accelerated curriculum structure (ES6+, SQL, MongoDB, RESTful APIs, PWAs, React, GraphQL, Agile workflow).
- Assess student coding assignments for code clarity, structure, and use of best practices.

EMERALD CLOUD LAB

Senior Lab Associate
June 2020 - Aug. 2021
San Francisco, CA

- Mathematica scripting for laboratory protocols to collect and process large data sets for customers, within precise customer specifications.
- Software integration with a wide variety of data analysis, instrumentation, and analytical laboratory techniques.
- Software debugging, clear and effective error reporting to QA team.

OTHER WORK EXPERIENCE

STARBUCKS COFFEE CO.

Shift Manager, Barista
October 2010 - March 2020
San Francisco, CA

PAMPLEMOUSSE GRILLE

Event Coordinator, Host
May 2011 - December 2017
San Diego, CA

PROJECTS

CASHEW -- Live: tinyurl.com/cashewLive -- Repo: tinyurl.com/storefrontRepo

Summary: React TypeScript storefront with custom reusable React components, product browsing, & secure Stripe checkout. Mobile-first UI design & streamlined GraphQL API with paginated data.

Tools: React | TypeScript | Material UI | GraphQL | MongoDB/Mongoose | Stripe | JWT | Express

CATVENTURE! -- Live: tinyurl.com/catventure -- Repo: tinyurl.com/catventureRepo

Summary: React game with custom React components for animations, sound, and gameplay.

Role: React state management & custom component building, MongoDB/Mongoose data modelling, game sound & animation scripting, gameplay scripting, graphic design

Tools: React | MongoDB/Mongoose | JWT | Express | Heroku

CELEBRITY SHOWDOWN -- Live: tinyurl.com/celebrityShowdown -- Repo: tinyurl.com/showdownRepo

Summary: Social game application with SQL database updated via external API data.

Role: REST API design, Sequelize table/relational modelling, gameplay scripting

Tools: Express | MySQL/Sequelize | Sessions | Handlebars | Bootstrap | Heroku

EDUCATION

UNIVERSITY of CALIFORNIA BERKELEY — BERKELEY, CA — WEB DEVELOPMENT

Academic Average: 4.0

Relevant Coursework: Certificate in Full Stack Web Development

SAN FRANCISCO STATE UNIVERSITY — SAN FRANCISCO, CA — B.S. COMP. CHEMISTRY

Institution GPA: 3.93

Relevant Coursework: Python | Computational Chemistry | Quantitative Analysis

Awards: Advanced Certification, Quantitative Analysis