

ALBERT KIM

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PORTFOLIO [albertck](#) • **GITHUB** [rlachivirus](#) • **LINKEDIN** [albertck](#)

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS

WEbook (ReactJS, Ruby on Rails, Heroku)

[live](#) | [github](#)

A Facebook clone built with JavaScript, React, Redux, and Ruby on Rails

- Built a secure user authentication system using Bcrypt to hash and salt passwords to strengthen protection of user data
- Implemented core CRUD functionalities and a RESTful API to provide consistent and responsive client-server interaction
- Incorporated Amazon S3's data storage infrastructure to upload and retrieve image files
- Utilized mapStateToProps to pass appropriate slices of redux store to components in order to avoid additional AJAX queries
- Leveraged Rails polymorphic associations with likes on posts and comments for DRY code
- Integrated rails dependent option to remove all associated object when its owner is destroyed
- Applied CSS3 flexbox with z-index and React-Modal for a compelling and flexible layout

Movie Fridays (MongoDB, ExpressJS, NodeJS, React)

[live](#) | [github](#)

A MERN stack project which allows users to create groups where people can join to rate movies together

- Constructed RESTful API between client and MongoDB server to allow for consistent client-server interaction
- Collaborated with team members using Git workflow and Slack to achieve features in a timely manner
- Employed GitHub's version control system to effectively collaborate with 3 other team members, working with a modular approach separating features, increasing productivity output and workflow

Keyboard-Tiles (Vanilla JS, CSS, HTML)

[live](#) | [github](#)

A Vanilla JS typing game inspired by Piano Tiles

- Leveraged Javascript's asynchronicity to create an interactive and responsive game, via DOM manipulations and the use of event handlers and listeners
- Integrated Web Audio API to provide audio effects when the keys are sequentially and appropriately pressed

EXPERIENCE

Research Analyst

ASCAP

June 2019 - June 2021

- Improved hard fact tracking capabilities to ensure effective capture of all revenue claims from international counterparts
- Developed new tracking analytics and research tools which increased company revenue by approximately \$500K since 2020

Teaching Assistant

University at Buffalo

Aug 2017 - May 2019

- Developed and prepared all materials required for various courses and evaluated students' exams and assignments based on a reliable criterion
- Engaged with students to achieve better results by mentoring, tutoring, and providing external materials to refer to while studying for exams

EDUCATION

Web Development - App Academy

Nov 2021

Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

MA Sociology - University at Buffalo (SUNY)

May 2019

BA Sociology - Chung-Ang University

Feb 2017