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 (Rails, ReactJS)   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
- Leveraged Rails polymorphic associations with likes on posts and comments for DRY code

Movie Fridays (MERN)   live | github

A MERN stack project which allows users to create groups where people can join to rate movies together
- Built 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)   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 by 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 Education - University at Buffalo   (SUNY)   May 2019

BA Education - Chung-Ang University   Feb 2017