Vasu (Jimmy) Rabaib

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Software engineer with a background in conceptualizing, designing, and developing web-based applications. Resourceful individual with strong analytical skills, and in providing personalized clientele experience.

EDUCATION

42 Silicon Valley, Newark, CA   **February 2019 - Present**
Software Engineering, Level: 10

Columbia University, New York, NY   **May 2016**
Bachelor of Science, Mechanical Engineering, GPA: 3.40

PROJECTS

Virtual Photo Booth
https://virtual-photo-booth.netlify.app/
- Designed and developed an online photo booth application, using the ReactJS Framework, with the Konva.js library for handling prop features like drag-and-drop and resizing
- Optimized website load time by over 50%, by bundling front-end assets including Javascript using Webpack

Swifty Companion
https://github.com/Zeroays/Swifty-Companion
- Created an iOS Application to lookup 42 students across all campuses, displaying UI friendly information such as current level, and projects completed
- Applied MVC design pattern, to better integrate student data API provided by 42's servers

Video and Chat App
https://github.com/Zeroays/Video-Chat-App
- Utilizes EJS, WebRTC, and Socket.io for users to join in on real-time chat rooms
- Developed custom HTTP-based routes, to handle requests in creating a chat room, and/or joining an existing public or private one

EXPERIENCE

The Coder School, Fremont, CA   **December 2018 - Present**
Code Coach
- Mentor youth in computer science fundamentals, with a project-based learning model revolving around Programming Paradigms, and Data Structures & Algorithms
- Create and Manage individualized lessons for clients, ranging from Python/Javascript driven games to static websites

QUALIFICATIONS

Web Development: HTML5 | CSS3 | Javascript | React | Express.js | Node.js | MongoDB | PHP
Systems/Hardware: Git | Python | Java | Swift | C/C++