

# Justin Variara

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## Education

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**University at Buffalo**, The State University of New York

- **Major:** Bachelor of Science, Computer Science
- **Relevant Coursework:** Intro to Computer Science I & II, Discrete Structures, Systems Programming, Data Structures, Computer Organization, Intro to Algorithms and Probability, Linear Algebra, Computer Security, Calculus I & II, Statistics, Applied HCI, Web Applications

## Technical Skills

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**Software:** VSCode, PyCharm, IntelliJ, Eclipse, Emacs, Notepad++, Vim, Salesforce, Figma, Zenhub

**Proficient:** HTML5, CSS3 (BEM), JavaScript ES6+, React (+hooks), Next.js, Git, GitHub, C, Python, Java

**Familiar:** Redux, npm, React dev tools, C++, Scala, Apex, Tailwind CSS, CSS Styled Components

## Experience

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### Frontend Developer Virtual Internship | [Certificate](#)

Frontend Simplified

- Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface through the use of animations, transitions and carousels
- Processed API requests to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination, and dynamic routing
- Utilized Git version control and the GitHub interface to work and thrive in a collaborative team environment

### Undergraduate Teaching Assistant

Jan 2023 - Current

Introduction to Computer Science II (UB)

- Interviewed 100+ students on coding concepts through Microsoft Excel
- Guided students through Java code-related problem solving and debugging during office hours
- Facilitated and moderated student discussions in labs and online spaces

## Projects

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### E-Portfolio ([View Project](#)) – ([GitHub](#))

- Designed, developed, and hosted my e-portfolio using semantic HTML5, CSS3 (+BEM) and React best practices.
- Provided support for search engine optimisation for higher indexing through Google's search engine crawler.
- Included responsive and multi-platform support to enable the portfolio to be viewed on any platform and device.

### CircleUB ([View Project](#))

- Collaborated closely with a team of 5 total members in an agile/scrum environment, utilizing Zenhub for project management, ensuring timely delivery of features and successful completion of milestones.
- Developed and implemented a real-time direct messaging feature using React, enabling users to communicate instantly and efficiently within the CircleUB social media app.
- Conducted thorough testing and debugging to identify and resolve issues, ensuring the app's stability, performance, and usability.

### Social Media App (Twitter Clone) ([View Project](#)) – ([GitHub](#))

- Implemented Google Sign-In/Sign-Out user authentication using Redux and Firebase to help display user's username and profile picture on Tweets.
- Implemented posting Tweets functionality which is stored in Firebase's real time Firestore database.
- Styled and developed with React, JavaScript, HTML and CSS best practices.

### Movie Searcher ([View Project](#)) – ([GitHub](#))

- Designed, developed, and hosted from scratch a movie lookup app using HTML5, CSS3 + BEM and React best practices.
- Fetched data from OMDb API using Axios to display search results dynamically.
- Included SEO, responsive, multi-platform, and hosting with Vercel.