

# JUSTIN VARIARA

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## EDUCATION

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

Bachelor of Science in Computer Science

Buffalo, NY

December 2023

## EXPERIENCE

### Lead Frontend Developer

Aug. 2023 – Dec. 2023

*Evaluation Tool*

Buffalo, NY

- Innovatively improved the UI/UX of the teamwork tool, optimizing instructors' ability to effortlessly generate and administer peer and team feedback, thereby enhancing the overall user experience
- Spearheaded the front-end team in a strategic transition from vanilla HTML, CSS, and JavaScript to React, fostering re-usability of components and significantly elevating project scalability and maintenance efficiency
- Utilized Git version control and the GitHub interface to work and thrive in a collaborative team environment with a group of 5 people which reduced merge conflicts by 90%
- Contributed significantly to the project team's success, securing 9th place out of 70 groups in a computer science projects conference, highlighting adept problem-solving and project execution abilities

### Frontend Developer - Independent Study

Aug. 2023 – Dec. 2023

*University at Buffalo*

Buffalo, NY

- Collaborated with a professor at the University at Buffalo to lead an independent study project focused on modernizing the architecture of a React frontend boilerplate codebase
- Successfully overhauled the existing class components within the codebase, strategically transitioning to highly efficient and maintainable functional components, thereby elevating code readability and performance
- Applied advanced knowledge of React and JavaScript to refactor and optimize code, delivering tangible improvements to the user experience and significantly reducing page load times for the application

### Undergraduate Teaching Assistant

Jan. 2023 – May 2023

*University at Buffalo*

Buffalo, NY

- Conducted in-depth interviews with over 100 students, utilizing Microsoft Excel to assess their understanding of coding concepts such as Object-Oriented Programming (OOP) and data structures
- Provided mentorship to 500+ students during office hours, offering guidance on Java code-related problem-solving and debugging

### Frontend Developer Bootcamp | Certificate

Nov. 2022 – Dec. 2022

*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

## PROJECTS

### CircleUB | React, CSS, Zenhub, Figma, GitHub, Agile

- 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
- Pioneered the development and implementation of a real-time direct messaging feature using React within the CircleUB social media app, revolutionizing user communication by enabling instant and efficient messaging
- Conducted A/B testing to validate design changes, resulting in an increase in user satisfaction
- Achieved a 60% improvement in issue identification and resolution through comprehensive testing and debugging, ensuring heightened app stability, performance, and usability

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, HTML5/CSS3, Java, Python, Scala, C, SQL, MongoDB

**Frameworks/Libraries:** React, Next.js, Node.js, Express.js, Flask, JUnit, Material-UI, Styled Components, Tailwind CSS, Matplotlib, Pandas, Prisma, Redux

**Developer Tools:** Git/Github, AWS, Docker, VSCode, PyCharm, IntelliJ, Postman, Emacs, Trello, Figma, npm, Unix