JUSTIN VARIARA

845-531-9573 | jvariara@gmail.com | linkedin.com/in/justinvariara/ | github.com/jvariara | justinvariara.com/

EDUCATION

University at Buffalo, The State University of New York   Buffalo, NY
Bachelor of Science in Computer Science   *December 2023*

EXPERIENCE

Evaluation Tool Research Project   Aug. 2023 – Present
University at Buffalo   *Buffalo, NY*
- Successfully enhanced the UI/UX of the teamwork tool which allows instructors to create and administer peer and team feedback for a variety of course needs
- Led the front-end team to transform the project from using vanilla HTML, CSS and JavaScript to use React, which allows for re-usability of components
- Utilized Git version control and the GitHub interface to work and thrive in a collaborative team environment with a group of 5 people
- Placed 9th out of 70 groups in a conference for computer science projects

Independent Study   Aug. 2023 – Present
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 transformed the existing class components within the codebase into highly efficient and maintainable functional components, enhancing code readability and performance
- Utilized in-depth knowledge of React and JavaScript to refactor and optimize code, resulting in improved user experience and faster page load times for the social media application

Undergraduate Teaching Assistant   Jan. 2023 – May 2023
University at Buffalo   *Buffalo, NY*
- Interviewed 100+ students on coding concepts like OOP and data structures through Microsoft Excel
- Guided 500+ students through Java code-related problem solving and debugging during office hours

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*
- 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 executed a real-time direct messaging feature using React, allowing 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

TrainTrack | *Kotlin, PHP, MySQL, Android Studio*
- Utilized Kotlin and Android Studio for frontend development, delivering a performant mobile application
- Successfully participated in an Agile Scrum environment, utilizing Trello for project management, resulting in efficient task tracking and iterative development

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5/CSS3, Java, Python, Scala, C, SQL, MongoDB, PHP, Kotlin
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, Docker, VSCode, PyCharm, IntelliJ, Postman, Emacs, Trello, Figma, npm, Unix