

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

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 | Introduction to Computer Science II

Jan. 2023 – May 2023

University at Buffalo

Buffalo, NY

- Interviewed 100+ students on coding concepts 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 responsive and performant mobile application.
- Designed and implemented the user interface for the login page, ensuring an intuitive and user-friendly experience
- Successfully participated in an Agile Scrum environment, utilizing Trello for project management, resulting in efficient task tracking and iterative development

Full Stack Blog Website | MongoDB, Express.js, React, Node.js, Tailwind CSS

- Developed a dynamic and fully responsive full-stack blog web application using the MERN (MongoDB, Express.js, React, Node.js) tech stack
- Designed and built RESTful API endpoints utilizing Express.js, ensuring smooth communication between the frontend and backend components
- Integrated MongoDB as the database solution, efficiently storing user information, blog posts, and associated data

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