Justin Variara

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EDUCATION

University at Buffalo, SUNY   **Buffalo, NY**
Bachelor of Science in Computer Science   *Graduation Date: Dec 2023*

WORK EXPERIENCE

University at Buffalo   **Buffalo, NY**
Undergraduate Teaching Assistant   *Jan 2023 - May 2023*

- 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 which resulted in a 18% improvement in student comprehension
- Graded coding related quizzes given to the students every week, which lightened the professors' workload by 7%

PROJECT EXPERIENCE

University at Buffalo - Evaluation Tool   **Buffalo, NY**
Lead Frontend Developer   *Aug 2023 - Dec 2023*

- Revamped user interface of teamwork tool, streamlining feedback generation process for instructors and enhancing overall user experience, resulting in a 15% increase in user engagement
- Led front-end team in transitioning from vanilla HTML/CSS/JavaScript to React, increasing component re-usability and project scalability by 30%, leading to a significant improvement in maintenance efficiency
- Played integral role in project team's success, securing 9th place out of 70 groups at computer science projects conference, showcasing exceptional problem-solving skills and project execution capabilities

University at Buffalo   **Buffalo, NY**
Independent Study   *Aug 2023 - Dec 2023*

- Collaborated with University at Buffalo professor to spearhead an independent study project aimed at modernizing React frontend boilerplate codebase for a semester-long project, resulting in a 20% increase in overall code efficiency
- Revamped existing class components within the codebase, transitioning to functional components and implementing best practices
- Incorproated example code and Websockets boilerplate code for user interactions for a Social Media template, enabling real-time features which resulted in a 25% increase in code productivity

Frontend Simplified   **Remote**
Frontend Developer Bootcamp   *Nov 2022 - Dec 2022*

- 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

SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Java, Python, SQL, MongoDB

Frameworks/Libraries: React, React Native, Next.js, Node.js, Flask, Tailwind CSS, Matplotlib, Pandas, Prisma, Redux

Tools: Git/GitHub, AWS, Docker, VSCode, Postman, Trello, Figma, npm, Unix, Android Studio

Concepts: Software Engineering, Human-Computer Interaction (HCI), UI / UX Design, Frontend Web Development, Data Structures & Algorithms, Mobile App Development, Artificial Intelligence