JUSTIN VARIARA

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EDUCATION

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

EXPERIENCE

Undergraduate Teaching Assistant | **Introduction to Computer Science II**   Jan. 2023 – Present
University at Buffalo   *Buffalo, NY*
- 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

Frontend Developer Virtual Internship | **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
- Utilized Git version control and the GitHub interface to work and thrive in a collaborative team environment

PROJECTS

CircleUB | *React, CSS, Zenhub, Figma, GitHub* | 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 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

Breadit (Reddit Clone) | *React, Next.js 13, Tailwind CSS, Auth, Prisma, MySQL* | View Project | GitHub
- Implemented secure login and registration functionality using NextAuth and Google authentication, guaranteeing that only authorized users can create communities, post content, and engage with the application.
- Leveraged React-Query for modern data fetching, ensuring efficient and optimized retrieval and management of data from the server.
- Utilized Upstash Redis for advanced caching, enhancing the application's performance by efficiently storing and retrieving frequently accessed data.

Movie Searcher | *React, CSS, Context API, OMDb API, Axios* | View Project | GitHub
- Designed, developed, and hosted from scratch a movie lookup application using semantic HTML5, CSS3 (+BEM) and React best practices
- Fetched data from OMDb API using Axios to display search results dynamically and represented it through skeleton loading states
- Utilized React's Context API to efficiently store and manage the search term, enabling seamless retrieval and utilization of movie data based on the search term throughout the entire application
- Included SEO, responsive, multi-platform, and hosting with Vercel

E-Portfolio | *React, HTML5, Tailwind CSS* | View Project | GitHub
- Designed, constructed, and hosted my e-portfolio using semantic HTML5, CSS3 (+BEM), Tailwind CSS and React best practices
- Provided support for search engine optimization 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

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5/CSS3, Java, Python, Scala, C, SQL, MongoDB, Prisma
Frameworks: React, Next.js, Flask, JUnit, Material-UI, CSS Styled Components, Tailwind CSS
Developer Tools: Git, Docker, VS Code, PyCharm, IntelliJ, Eclipse, Emacs, Vim, Zenhub, Figma, npm, Salesforce