Jimmy Huynh

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EDUCATION

Virginia Tech	Blacksburg, Virginia
Pursuing B.S in Computer Science	*August 2019 – May 2023*
GPA: 3.30	

KEY TECHNICAL SKILLS

Java	Agile Methodology	SQL	Microsoft Suite	HTML/CSS	Linux	Python
MySQL	Git (GitHub, GitLab)		JavaScript (React, Node, Express)			

PROJECT EXPERIENCES / WORK

Virginia Tech Graduation Photography | Link   *React, Mui, CSS, Firebase Storage*

Developed a dynamic React web application that allows users to view my personal VT graduation portraits, utilizing Material-UI and CSS for a more visually appealing user interface.

- Implemented responsive design principles to optimize website functionality across various devices and screen sizes.
- Integrated Firebase Storage to efficiently store and load over 300+ photos, providing users with a seamless browsing experience.
- Conducted thorough testing and debugging to deliver a bug-free and user-friendly experience.

Better Add Drop System | Email for private link   *React, Node, Express, MySQL*

Collaborated with team members to establish a multi-user DBMS, utilizing SQL, Express, React, and Node as a stack to integrate front-end and back-end functionalities to ensure seamless performance.

- Developed relational database schema's using MySQL to easily connect through Express API's.
- Utilized a robust user authentication system to facilitate user registration and secure login verification, leveraging cookie parsing techniques to enable distinct user perspectives.
- Responsible for implementing over 6 APIs using Express.js, with seamless CRUD operations, routes, and controllers.
- Connected React with Axios fetch requests for smooth data exchange.
- Devised a highly effective leaderboard system that automatically assigns badges to users based on their ratings.

Photography Website | Link   *HTML, React.js, Email.js, Material UI/CSS*

Leveraged my knowledge in front-end development and utilized essential frameworks to create a website that seamlessly displays my eye-catching photography.

- Implemented 10 fully animated photo albums that provides a quality experience for the end-user.
- Utilized React.js & Material UI to create a responsive website for desktop, tablet, & mobile.
- Handled development and outreach by extending the Git repository on Vercel to allow for public access and browsing.
- Incorporated Vercel analytics to study user traffic and engagement statistics.

POWOW (Web Chat Application) | Link   *MongoDB, Express, React & Node, Material UI*

Successfully collaborated on a full-stack project to build on a web chat application that utilizes the MERN stack, delivering a dynamic user interface for real-time communication.

- Created an application that allowed for users to join and/or create video rooms to converse on.
- Took responsibility for front-end development by utilizing React.js with Material UI to create a responsive interface.
- Supported MongoDB integration to display user chat logs and room interactions.
- Utilized Git version control for efficient workflows.
- Employed Agora API for automated token generation and video streaming.

Food Lion (Cashier & Grocery Stocker)   03/2020 - 07/2020

Fulfilled dual roles as a grocery stocker and cashier, where I was responsible for maintaining an adequately stocked store and providing customer support.

- Contributed to the store by effectively managing the point-of-sale systems, showcasing my expertise in professional conduct and time management.
- Acted as liaison between management and staff, was a key role in streamlining operations and ensuring smooth execution.
- Collaboratively worked with a diverse team to achieve a common goal of customer satisfaction.

PERSONAL INTEREST

I love photography. It allows me to freeze a moment in time and express my creative vision, capturing the beauty and emotions of the world around me.