

# Tri Vu

U.S. Citizen  
[vutriminh@gmail.com](mailto:vutriminh@gmail.com)

[GitHub](#)

Atlanta, GA

[LinkedIn](#)

484-365-3631  
[Portfolio](#)

Full-stack developer and a graduate of Penn State University with a degree in mathematics. Strong foundation in both front-end and back-end web development using languages and frameworks such as JavaScript, TypeScript, Node.js, React, Jest, and SQL. Adept in managing projects, debugging, and collaborating with other developers.

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## EDUCATION

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### DigitalCrafts

Certificate of Completion in Full-stack Web Development

Atlanta, GA

Completed: June 2022

### The Pennsylvania State University, Eberly College of Science

Bachelor of Science in General Mathematics

State College, PA

Graduated: December 2019

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## PROJECTS

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### Magic: The Gathering Price Tracker, <https://mtg.herokuapp.com/>

- Developed a full-stack website using React, Redux, JavaScript, CSS, Bootstrap, PostgreSQL, Node.js, Express, and Sequelize to track trading card prices, store data, and display information to users
- Refactored the entire project from JavaScript to TypeScript in the second iteration
- Utilized Scryfall's Magic: The Gathering API to fetch and display card prices, images, and details
- Allowed users to register, log in, sign out, and customize personal accounts. Users can also create, read, update, and delete lists of cards they wish to track

### Hackathon (City of Refuge, 2023), [https://github.com/trimvu/COR\\_Hackathon\\_2023](https://github.com/trimvu/COR_Hackathon_2023)

- Organized and led a group of 16 students, alumni, and volunteers in designing and developing the front-end of a website for a non-profit organization using HTML, CSS, and JavaScript
- Supervised a subgroup of 6 in the site's refactoring to React

### Spam Tracking App, <https://spam-tracking-website.herokuapp.com/>

- Worked in team of 4 to develop a full-stack web application using React, Redux, JavaScript, Bootstrap, PostgreSQL, Node.js, Express, and Sequelize for users to log phone numbers suspected of being spam calls
- Implemented account log-in with an authentication system, the ability to search up a phone number to view if it has been reported as a scam phone number, and allow users to report the number themselves

### Marvel Project, <https://marvel-trimvu.vercel.app/>

- Developed a front-end website using React, Redux, JavaScript, CSS, Bootstrap, and Sass
- Utilized Marvel Comics' API to allow users to search for characters, comics, creators, events, and series, and display pages that show all related Marvel content which users can scroll through and click

### Photography Portfolio, <https://tri-vu-photography.vercel.app/>

- Created a personal photography portfolio using React, JavaScript, CSS, and Jest
- Incorporated unit tests with Jest to ensure React components worked as intended

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## SKILLS

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**Languages:** JavaScript, TypeScript, HTML, CSS, SQL, Python, Java

**Frameworks:** React, Node.js, Redux, PostgreSQL, Express.js, Jest, Bootstrap, RESTful, ElephantSQL, Sequelize

**Developer Tools:** Git, GitHub

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## OTHER EXPERIENCE

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DoorDash, Contractor

Amazon/Whole Foods, Associate/Shopper

United States Census Bureau, Enumerator

December 2023 - Present

November 2019 - February 2022

August 2020 - October 2020