

KIEN TO TRUNG

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EDUCATION

University of Massachusetts-Amherst

BS in Computer Science, Business Minor, Chancellor Award

Amherst, MA

09/2021 – 05/2024

(Junior Standing)

- **GPA:** 4.0/4.0
- **Coursework:** Data structure and Algorithm (Java), Programming methodologies (JavaScript), Introduction to computation.

EXPERIENCE

SciQuel (Harvard Medical School)

MA, US | 12/2021 – now

Software Engineer Intern

- I currently work here as a full-stack **MERN developer**, responsible for both the front-end and back-end design of a scientific media site.
- SciQuel is a growing non-profit science media organization from the Harvard Medical School's Innovation Lab.

UMass Amherst Digital Media Lab

MA, US | 09/2021 – now

Tech Assistant

- Developed a smoking habit tracker **website that process hundreds of respondent's data** to produce meaningful results for research purpose using **PHP, MySQL, JavaScript, and Drupal**.
- Assist with software-related **troubleshooting** and **customer service**.

Med247

Vietnam | 12/2020 – 06/2021

Business analyst intern

- Leverage **data visualization and data analysis** techniques to generate 10 dashboards analyzing company's key business insights using SQL and MS Excel.
- Created **3 large-scale automated** notification systems by **fetching SQL data** and engineering **Excel's App Scripts**.
- Designed and developed key user interfaces using **Figma and Wireframe**.
- Created **2 in-depth market research** on online pharmaceutical and mental health industries, contributing to the launches of therapy and pharmaceutical services that together constitute 20% of company's current revenue.

VOLUNTEER & LEADERSHIP EXPERIENCE

mGreen –Non-profit Green Tech Startup

Vietnam | 12/2020 – 09/2021

International Cooperation intern

- **Responsible** for company's **international fundraising**. Prepared numerous of written and oral presentations and worked with multiple partnering organizations.
- Aided acquirement of **top 8** finalist position in Ending Plastic Pollution Innovation Challenge of **the United Nations** and **top 10** position in **Vietnam Silicon Valley**, among various other funds.

SKILLS

Proficient in: Java, Python, JavaScript, React, NodeJS, SQL, MS Excel, MS Words, MS PowerPoint, Figma.

Knowledgeable in: PHP, Firebase, C++, Machine Learning, C, C#.

PROJECTS

WhatsApp clone | React.js, Node.js, Express, MongoDB, Firebase

U.S. | 10/2020

Engineered a clone web app of WhatsApp that allows **real-time messaging**. Developed the backend and frontend APIs using **React axios**. Enable **real-time data** on MongoDB by **NodeJS Pusher**.

Covid tracking app | Java, Spring, Spring Boot, Bootstrap

U.S. | 11/2021

Created web app that fetches **real-time data** from global Covid-19 database. Enable data visualization with **Spring boot & Bootstrap**.