

Anh Tran

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EDUCATION

New York University

Fall 2021 - Spring 2023

B.A, Computer Science

New York, NY

- Relevant Courses: Data Structures, Algorithms, Operating Systems, Full-Stack Development, Linear Algebra
- GPA: 3.2

EXPERIENCE

FPT Software

June 2022 – Aug. 2022

Software Engineer Intern, Aura Networks Blockchain

Hanoi, Vietnam

- Proposed and implemented a *frontend daily task update system* using *React, Javascript and CSS* in an attempt to increase employee's agile communication consistency and hence, to increase team efficiency.
- Performed *unit and integration testing* to guarantee software functionality and employee usability.

One Mount Group

Dec. 2020 – July 2021

Procurement Management Assistant, Finance Division

Hanoi, Vietnam

- Implemented within 1 month, an *end-to-end* internal procurement cycle used by over *3,000 members company-wide* in order to track company expenses and assets and is still in use today.
- Designed an internally-used software to digitize purchase requests and approval which saved the company *over \$4,000 in paper costs*.
- Negotiated with hardware vendors daily which resulted in company expense savings of *over \$15,000*.

PROJECTS

Restaurant Reviewers (*MongoDB, Express.js, Node.js, REST*)

[Github.com/Anhtrr/Restaurant-Reviewer](https://github.com/Anhtrr/Restaurant-Reviewer)

A *full-stack web application* that lets users explore restaurants near them, add restaurants, review restaurants or explore reviews through a simple and appealing dark-themed, map-based platform.

- Implemented a *REST* backend built with *Node.js, Express.js, Axios, and MongoDB* in order to construct restaurants as a custom *schema* linked to user reviews.
- Designed and developed a smooth transitioning, map-based frontend using *Mapbox API, React Hooks, React State, React Router, and React Callbacks* in order to maximize simplicity for user journey.

Anhtrr (*React.js, Javascript, HTML, CSS, SwiperJS, EmailJS*)

[Github.com/Anhtrr/Personal-Website](https://github.com/Anhtrr/Personal-Website)

A *front-end portfolio web application* that allows viewers to learn more about me or to directly contact me.

- Implemented an *automated contact system* using *EmailJS* to improve contact convenience for viewers.
- Developed a visually appealing *single page front-end application* with smooth animations and interactive styling, using *React, Javascript, HTML, CSS, Tsparticles, and SwiperJS*.

Custom Shell (*C, Linux, OS, System Calls, I/O Redirections, Pipes*)

[Github.com/Anhtrr/Custom-C-Shell](https://github.com/Anhtrr/Custom-C-Shell)

A *Linux OS based* custom shell that interprets and executes user commands using multi-process system calls.

- Built a *fully functional custom Linux shell* in *C* using *OOP concepts, multiprocessing and I/O redirections*.

SKILLS

- **Languages:** Java, Python, C/C++, JavaScript/HTML/CSS, Google BigQuery, GoLang
- **Frameworks and Libraries:** React.js, Material UI, Redux, Numpy, Pandas, Matplotlib
- **Tools and Services:** Git, Confluence Wiki, Jira, Slack, Visual Studio, Docker, MongoDB