

KHANH (ANDREW) NGUYEN

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EDUCATION

Brandeis University, Waltham, MA

Expected May 2024

- B.S. in Computer Science and Business
- GPA: 3.948 (Dean's List for 2 semesters)
- **Relevant courses:** Data Structures, Applied Linear Algebra, Discrete Structure, Mobile Application Development

WORK EXPERIENCE

FPT Information System • Software Engineer Intern, Hanoi, Vietnam

Nov 2020 – Aug 2021

- Redesigned operation and module management system for better system control
- Improved system security with role-based and JWT authorization
- Designed and integrated API management and exporting service for 90 APIs
- Collaborated with the team to develop user interface for each application
- Leveraged Knowledge: HTML5, SCSS, Angular, C#, .NET Core, MySQL, UI/UX design, Collaboration, Git

Brandeis University • Teaching Assistant for Advanced Programming Techniques in Java

Sep 2021 – Dec 2021

- Graded assignments and gave feedback to students by analyzing their Java coding performance
- Held office hours to assist students with class materials on Object-Oriented Programming
- Leveraged Knowledge: Teaching, Analytical skills, Java, Object-Oriented Programming

PROJECTS

The Coffee Venture • Individual project, coffee-venture.web.app

March 2021 – May 2021

Front-end code link: github.com/khanhnguyenvinh2002/coffeeventure-fe

Back-end code link: github.com/khanhnguyenvinh2002/coffeeventure-be-mirror

- Designed and integrated the web service with 3-layered architecture: UI layer, business layer, database layer
- Designed and developed role-based authorization and modules management system to improve security
- Constructed the relational DBMS to store data and query using Entity Framework
- Designed controllers and models with Angular and created interfaces for each screen
- Leveraged Knowledge: HTML5, CSS3, Angular, C#, .NET Core, SQL Server, UI/UX design, Entity Framework, Git

My Portfolio • Individual project, andrewcancode.com

Dec 2021

Code link: github.com/khanhnguyenvinh2002/blog

- Designed and implemented web service with ExpressJS to handle CRUD operations with blog posts.
- Implemented React and React Hooks to reuse stateful behavior between different components in the application.
- Leveraged Knowledge: HTML5, CSS3, JavaScript, ReactJS, ExpressJS, NodeJS, MongoDB.

Find My Major • Individual project

Nov 2021

Code link: github.com/khanhnguyenvinh2002/findMyMajor

- Inspired by college students' struggles with finding their majors and connecting with academic advisors.
- Implemented React Native and React Hooks to develop components with reusable stateful behaviors.
- Leveraged Knowledge: HTML5, CSS3, React Native, React Hooks

SKILLS AND CERTIFICATIONS

Programming: (Advanced): Java, Angular, C#, .NET, JavaScript, ReactJS, SQL, Collaboration, Problem Solving
(Intermediate): React Native, SQL Server, MySQL, NodeJS, Python, HTML/CSS

Certifications: HackerRank: Problem Solving (Basic), Java (Basic), JavaScript (Basic)