KHANH (ANDREW) NGUYEN

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WORK EXPERIENCE

FPT Information System • Software Engineer Intern, *Hanoi, Vietnam*   **November 2020 – Aug 2021**
- Technology used: HTML5, SCSS, TypeScript, Angular framework, C#, Entity Framework, .NET Core, MySQL.
- Built web service with 3-layered architecture that satisfies security and connects to the database using Entity Framework and Stored Procedures.
- Designed and constructed database tables satisfying customers' requirements.
- Optimized core functionalities such as role-based authorization using JWT token and modules management.
- Designed and coded screen view for each of the required functionality to optimize UI/UX.

Brandeis University • Teaching Assistant for Advanced Programming Techniques in Java   **Sep 2021 – Present**
- Grading assignments and giving feedback to students about their performance in class.
- Holding office hours to help students with class materials.
- Conducting tutoring sessions on request with students

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
- Technology used: HTML5, CSS, TypeScript, Angular framework, C#, Entity Framework, .NET Core, SQL Server.
- Built web service with 3-layered architecture that satisfies security and connects to the database using Entity Framework and Stored Procedures.
- Designed and written role-based authorization using JWT token and modules management.
- Hosted and managed the database and image storage with Azure.

SKILLS AND CERTIFICATIONS

Programming: Java, Angular, C++, C#, JavaScript, React.js, React Native, TypeScript, SQL Server, MySQL, HTML, CSS, NodeJS, Entity Framework, Restful API's., Python.
Software: VS Code, Visual Code, Eclipse, IntelliJ, Jira, MSSQL.
Languages: Fluent in English and Vietnamese.
Certifications:
- **Problem Solving (Basic)** HackerRank   **Issued Dec 2020**
- **Java (Basic)** HackerRank   **Issued Nov 2020**
- **JavaScript (Basic)** HackerRank   **Issued Nov 2020**

ACHIEVEMENTS

Vietnam National Mathematical Academic Olympiad • Third Prize   **2019**
American Mathematics Competition 10 • Second Place & Honor Roll of Distinction   **2018**
Hosted by Mathematical Association of America
- Invited to participate in American Invitational Mathematics Examination
Hanoi Open Mathematics Competition Senior level • First Prize   **2018**

EDUCATION

Brandeis University, *Waltham, MA*   **Expected May 2024**
B.S. in Computer Science and Business
GPA: 4.0 (Dean's List for 2 semesters)
Relevant courses: Data Structures, Applied Linear Algebra, Programming in Java, Discrete Structure, Mobile Application Development, Software Entrepreneurship, Data Management for Data Science

Hanoi-Amsterdam High School for the Gifted, *Hanoi, Vietnam*   **2017 – 2020**
Specialized in Mathematics
Relevant courses: AP Calculus BC, AP Statistics, AP Physics C Mechanics, AP Physics C E&M