Michelle Han

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EDUCATION

University of Maryland - College Park   **August 2021-May 2025**
B.S. in Computer Science

SKILLS

Languages
- Java, Python, JavaScript, SQL, C/C++, HTML/CSS

Frameworks & Tools
- React, Vue.js, Spring Boot, Django, Node.js, Express, Docker, Firebase

IDEs & Software
- Eclipse, Docker, Visual Studio, Azure Data Studio, Postman, Git/GitHub

PROJECTS

FitFlow │ Vue.js, JavaScript, Django, Python, PostgreSQL
- Developed a full-stack app that enables users to log workouts, set fitness goals, and track progress using Vue.js and Django REST Framework.
- Integrated Firebase Authentication for secure user login and account management, and utilized PostgreSQL for reliable data persistence and query optimization.

JustBaked │ React, JavaScript, Spring Boot, Java, MySQL, Docker
- Developed a full-stack bakery management web app using React, Spring Boot, JPA/Hibernate, and MySQL, following RESTful API principles.
- Implemented Firebase Authentication and real-time order tracking with a responsive UI to enhance user experience.
- Containerized and deployed the app using Docker, and performed database management, querying, and optimization through Azure Data Studio.

Portfolio │ JavaScript, HTML/CSS
- Designed a dynamic portfolio web app using Node.js, Express, and MongoDB, showcasing projects with CRUD functionality for adding, editing, and deleting projects.
- Integrated RESTful APIs for structured data handling to enhance user experience.
- Built with scalability in mind, enabling easy expansion as more projects are added over time.

App Tracker │ JavaScript, HTML/CSS
- Built a full-stack web app enabling users to track and manage job or internship applications, using Node.js, Express, and MongoDB for backend logic and storage.
- Implemented RESTful APIs for structured data handling, enabling users to view, add, update, and delete records.

EXPERIENCE

Development Intern   **May - August 2024**
Infor - Alpharetta, GA
www.infor.com
- Fine-tuned T5-small Transformer model to assess and improve the tone and clarity of written tutorials for InforOS applications.
- Created web-scraping tools using BeautifulSoup to extract and convert Developer Portal content into structured JSON data for training/testing the model.
- Wrote technical documentation and authored tutorial content to accompany YouTube demos.