Huy Doan

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EDUCATION

Tampere University Tampere, Finland
Master's Degree in Data Science *Aug 2022 – Dec 2024*

Brigham Young University Utah, USA
Bachelor's Degree in Management Information Systems *Aug 2015 – Dec 2021*

SKILLS

Languages: Python, C#, SQL (MSSQL, Postgres), R, Scala
Data Visualization: Tableau, SPSS
Libraries: pandas, numpy, matplotlib, tensorflow, pytorch, keras, scikit-learn

EXPERIENCE

Software Developer May 2020 – Dec 2023
Tradelink Technology *Ho Chi Minh City, Vietnam*

- Developed user-friendly .NET web applications to streamline buyer transactions, automate tasks, and reduce manual work by 10 hours weekly, boosting operational efficiency.
- Optimized data processing by building CRUD controllers and REST APIs, handling JSON, EDI, and XML formats using C# and Python, improving data management and workflow efficiency.
- Created and executed detailed test plans, reducing defects by 30% through rigorous functional testing, enhancing product reliability and customer satisfaction.

Business Analyst Jan 2022 – Aug 2022
FPT Software *Ho Chi Minh City, Vietnam*

- Developed and maintained software solutions like Material Optimization Suite and Root Cause Analysis for GE Renewables, boosting productivity by 30% and reducing material waste by 20%.
- Enhanced development efficiency by defining 100+ user stories with clear criteria, cutting errors by 25% and improving efficiency by 20%.
- Facilitated Agile processes, including sprint planning, daily standups, sprint reviews, retrospectives, and backlog refinement, while coordinating requirement clarifications between clients and development teams to ensure project alignment and timely delivery.

.NET Developer July 2021 – Nov 2021
AQBooking.com Limited *Ho Chi Minh City, Vietnam*

- Enhanced features on a personalized travel platform using C#, .NET, MSSQL, Angular, and jQuery, increasing user retention by 25% and booking conversions by 15%
- Partnered with international teams and suppliers to assess needs, facilitate change requests, and provide software training, reducing support requests by 50% and improving team efficiency by 30%.

PROJECTS

Document AI | *Next.js, Drizzle ORM + NeonDB, Stripe, AWS S3* July 2023 – Present

- Developed an AI-powered SaaS platform for interactive PDF processing, enabling real-time chat, contextual queries, and seamless document understanding with OpenAI.
- Designed and implemented a scalable full-stack web app using Next.js, TypeScript, and Tailwind CSS, integrating NeonDB, AWS S3, and Stripe for storage, authentication, and payments.

Recipe Recommendation System | *Pandas, NumPy, Scikit-learn, OpenAI* May 2018 – May 2020

- Developed SHARE as part of my Master's degree thesis, a smart recipe recommendation system utilizing collaborative, content-based, and knowledge-based filtering techniques to deliver personalized, healthy, and appetizing recipes tailored to user preferences and dietary restrictions.
- Designed and implemented an interactive environment for users to express preferences, customize meal plans, and receive detailed weekly meal plans, leveraging OpenAI's ChatGPT for automated tasks such as recipe tag classification.