

HOANG NHAT DUY LE

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EDUCATION

The University of Toledo, College of Engineering

Graduation Date: May 2023

Bachelor of Science in Computer Science and Engineering, Cumulative GPA: 3.90

Minor: Data Science, GPA: 3.90

Relevant Coursework: Database-Driven Websites Design, Computer Architecture & Organization, Senior Design, Engineering Statistics, Statistical Methods, Digital Logic Design, Data Science I & II, Embedded Systems, Artificial Intelligence, Systems Programming, Software Engineering

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Java, C#, C++, Assembly Language (80x86 & ARM)

Data Science: Microsoft Excel, SPSS, SAS, Python, R

Web Development: HTML5/CSS, JavaScript (NodeJS, jQuery), TypeScript, Angular, PHP, MySQL/MSSQL, ASP.NET

Others: Object-Oriented Programming, APIs, Git, Azure (AZ-900, AZ-104), Unit Testing, Machine Learning

Certifications: The Ultimate MySQL Bootcamp (Udemy) – January 2022

Data Structures and Algorithms: Deep Dive Using Java (Udemy) – January 2022

Microsoft Azure: From Zero to Hero - The Complete Guide (Udemy) – May 2022

Build an app with ASP.NET Core and Angular from scratch (Udemy) – September 2022

PROFESSIONAL EXPERIENCE

System Software Developer Co-op | Nysus Solutions

Spring 2022 – Present

Coordinate with 20+ members (PMs & Developers) to create and improve custom web-based manufacturing software:

- Maintain and update (mainly web-based) manufacturing software systems related to manufacturing execution system (MES), data collection systems, and web-based administrative applications.
- Test and verify software for bugs and operating speed, and documenting processes to increase efficiency.
- Update web-based software using JavaScript, PHP, HTML, and SQL database to improve the code base for over 15 customers.
- Collaborate with the Lead Application Architect to design and deploy a robust architecture that will facilitate growth of new applications being developed and deployed.

DevOps Developer Internship | Equity Trust Company

Summer 2021

Collaborated in a team of 5 to unit test and optimize the current Account Open process for Equity Trust Company:

- Maintained and modified existing APIs while maintaining documentation and testing standards.
- Performed unit testing on 5 main functions in the company core process to verify customers' operations.
- Successfully deployed 2 features to production after performing necessary modifications and unit testing.
- Contributed to the process of remodeling and increasing security level of the Customer Account Open Process by changing it from Service Bus Queue to Topics & Subscriptions from Azure Architecture.

Web Developer/Software Developer Co-op | Plastic Technologies Inc

Spring 2020

Cooperated with 4 members of the Simulation Department to develop algorithms and update internal custom website:

- Updated and maintained customer website using .NET Framework, C#, JavaScript, HTML, and SQL database to improve day-to-day operations within the company, and innovation for future business.
- Developed methods and algorithms to sketch graphs and calculated volume of plastic bottles and preforms.
- Assisted senior engineers with lab measurements and generated reports on simulation results of the product.
- Supported 3 customers with technical support for performing precision machining operations.

PROJECTS AND CLUB ACTIVITIES

Active:

Full Stack Developer - myHome Property Management

August 2021 – Present

Full Stack Developer – Udemy Dating App (Udemy Course)

May 2022 - Present

Past:

Web Developer/Project Contributor – UToledo Data Science Club

August 2020 – December 2021