

HOANG NHAT DUY LE

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EDUCATION

The University of Toledo, College of Engineering

Bachelor of Science (Computer Science and Engineering)

- Minor: Data Science
- Cumulative GPA: 3.91
- Graduation Date: May 2023

PROFESSIONAL EXPERIENCE

System Software Developer Co-op

January 2022 – Present

Nysus Solutions

- Maintained and update (mainly web-based) manufacturing software systems related to: manufacturing execution system (MES), data collection systems, and web-based administrative applications.
- Made changes to current software to fix bugs, adapt it to new hardware, or update interfaces and performance.
- Updated and maintenance web-based software using JavaScript, PHP, HTML, and SQL database to improve the code base for 7+ customers.
- Worked 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

May 2021 – August 2021

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.
- Responsible for deploying 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

January 2020 – May 2020

Plastic Technologies, Inc

- Web update and maintenance using .NET Framework, C#, JavaScript, HTML, and SQL database to improve day-to-day operations within the company, and innovation for future business.
- Successfully developed algorithms to sketch CSV graphs and calculated volume of plastic bottles and preforms.
- Assisted senior engineers with lab measurements and generated reports on simulation results of the product.
- Provided instructions and technical support for 2 cooperation companies when they came to the office.

SKILLS

- **Programming Languages:** Java, C#, C++, Assembly Language (80x86 & ARM).
- **Data Science:** Microsoft Excel, SPSS (Entry level), SAS (Entry level), Python, R.
- **Web Development:** HTML, CSS, JavaScript, NodeJS, Angular, PHP, SQL, .NET
- **Miscellaneous Technologies:** OOP, APIs, Git, Azure (AZ-900, AZ-104), Unit Testing.

LEADERSHIP AND ACTIVITIES

myHome Project Founder

May 2020 - Present

Personal Property Management Website

- Building and designing the user interface including planning, process, and policy development.
- Serving as website producer; ensuring consistency of website content and strategy across digital properties.
- Maintaining optimal website performance and managing hosting environment.
- Testing websites for cross browser compatibility.