HOANG BAO DUY LE

Toledo, OH • (419) – 699 – 9534 • hle@nysus.net
linkedin.com/in/hoangbaoduyle/ • lehoangbaoduy.github.io/portfolio

EDUCATION

The University of Toledo, College of Engineering   Graduation Date: Dec 2022

Bachelor of Science in Computer Science and Engineering, Cumulative GPA: 3.67
Relevant Coursework: Artificial Intelligent, Computer Architecture & Organization, Senior Design,
Engineering Statistics, Statistical Methods, Digital Logic Design, Embedded Systems,
Computer Graphics, 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 Core
Others: Object-Oriented Programming, APIs, Git, Blockchain, Machine Learning
Certificates: Blockchain A-Z™: Learn How To Build Your First Blockchain – June 2022
The Ultimate MySQL Bootcamp – May 2022
JavaScript Algorithms and Data Structure Masterclass – January 2022
The Git & Github Bootcamp – Dec 2021

PROFESSIONAL EXPERIENCE

System Software Developer | Nysus Solutions   January 2023 – Present

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

- Maintain and update manufacturing software systems related to: real-time manufacturing execution system (MES), data collection systems, and web-based administrative applications, mainly involving integration to PLCs.
- Work with the Lead Application Architect to design and deploy a robust architecture that will facilitate growth of new applications being developed and deployed.
- Participate in design efforts related to new system projects and support the implementation and ongoing use of these applications.

MES Support Analyst | Nysus Solutions   January 2023 – Present

Collaborated with the Support team to unit test and optimize the current MES system for Nysus Solutions

- Support existing applications using tools developed and MS SQL Server Management Studio.
- Ensure the reliability and accuracy of all systems implemented at Nysus Solutions.
- Test troubleshooting methods, devised innovative solutions, and documenting resolutions to enhance the knowledge base for support team use.
- Gather data on integration vulnerabilities and report all findings, including improvement recommendations.

Systems Software Developer Co-op | Nysus Solutions   January 2021 – December 2022

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

- Worked with customers or departments on technical issues including software system design and maintenance.
- Tested and verified software for bugs together with operating speed, and documenting processes to increase efficiency.
- Updated web-based software using JavaScript, PHP, HTML, and SQL database to improve the code base for over 15 customers.
- Prepared reports on programming project specifications, activities, or status.

PROJECTS AND ACTIVITIES

Active
Full Stack Developer – myHome Property Management   December 2022 – Present
Software Developer – BaoCoin (my cryptocurrency)   May 2022 - Present
Past
Web Developer/Project Contributor – UToledo Data Science Club   August 2020 – December 2021
Software Engineer - ParkUT Mobile App   January 2021 – December 2022