

Nicholas Muggio

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EDUCATION

MICHIGAN TECH

BS IN SOFTWARE ENGINEERING

Expected April 2018 | Houghton, MI

College of Sciences and Arts

Dean's List (5/7 semesters)

Cum. GPA: 3.76 / 4.0

Major GPA: 3.79 / 4.0

LINKS

Github:// [njmuggio](#)

LinkedIn:// [muggio](#)

COURSEWORK

UNDERGRADUATE

Artificial Intelligence

Computer Networks

Concurrent Computing

Formal Models of Computation

Human-Computer Interactions

Model-Driven Software Development

Operating Systems

Programming Languages

Software Quality Assurance

Software Processes & Management

Systems Programming

SKILLS

PROGRAMMING

C# • C • C++ • Java

HTML • CSS • JavaScript • PHP

OPERATING SYSTEMS

Windows XP, 7, 10 • Linux/Unix/BSD

MISCELLANEOUS

Oracle Sql • Microsoft SQL Server

PostgreSQL • MySQL

Git • SVN • Mercurial • Docker

LaTeX • Microsoft Office

EXPERIENCE

TGW SYSTEMS INTEGRATION SOFTWARE ENGINEERING INTERN

May 2017 - August 2017, January 2018 - Ongoing | Grand Rapids, MI

- Developed and maintained customer-specific front and backend systems
- Began containerizing developers' workflows and deployments
- Performed occasional on-site testing for customers

SALESPAD SOFTWARE DEVELOPER INTERN

May 2016 - Sep 2016 | Grand Rapids, MI

- Developed customer-specific modifications to core SalesPad products
- Wrote and documented self-defined projects to improve internal quoting process and streamline SalesPad scripting
- Worked closely and directly with customers to elicit requirements and deploy solutions

KELLOGG'S INDEPENDENT CONTRACTOR/INTERN

Jun 2014 - Aug 2014, May 2015 - Aug 2015 | Battle Creek, MI

- Designed and implemented defect detection system based on laser scanning conveyed product
- Worked with Fanuc vision system to identify and track moving products
- Developed wireless temperature monitoring solution in Excel/VBA
- Built system to write simple path-following code for Fanuc robots
- Wrote technical manuals for defect detection system and path-following development system

LEADERSHIP

MTU AEROSPACE ENTERPRISE SOFTWARE SYSTEMS ENGINEER

Apr 2016 - December 2017 | Houghton, MI

- Managed technical aspects of software development for three US Air Force and NASA satellite contracts
- Maintained team computing infrastructure
- Served as architect for flight and ground software systems
- Planned and scheduled integration and validation testing
- Coordinated software team with other teams
- Assisted in managing team of 10-20 students

BCAMSC VEX ROBOTICS TEAM TEAM CAPTAIN

Sep 2013 - May 2014 | Battle Creek, MI

- Led team of 8-10 people
- Distributed tasks for building and programming small robot

AWARDS AND CERTIFICATIONS

- Dean's list (Fall 2014 - Spring 2016, Spring 2017)
- Adobe Certified Associate: Dreamweaver CS6
- Adobe Certified Associate: Photoshop CS6