

Nicholas Muggio

<http://muggio.xyz/>
njmuggio@mtu.edu | 269.967.4212
411 Whispering Pines, Marshall MI 49068

EDUCATION

MICHIGAN TECH

BS IN SOFTWARE ENGINEERING
Expected April 2018 | Houghton, MI
College of Sciences and Arts
Dean's List (4/5 semesters)
Cum. GPA: 3.76 / 4.0
Major GPA: 3.79 / 4.0

LINKS

Github:// [njmuggio](#)
LinkedIn:// [muggio](#)

COURSEWORK

UNDERGRADUATE

Artificial Intelligence
Computer Organization
Databases
Formal Models of Computation
Model-Driven Software Development
Systems Programming

SKILLS

PROGRAMMING

C# • C • C++ • Java
HTML • CSS • JavaScript • PHP

OPERATING SYSTEMS

Windows XP, 7, 10 • Linux/Unix/BSD

MISCELLANEOUS

Git • SVN • Mercurial
L^AT_EX • Microsoft Office

EXPERIENCE

SALESPAD | SOFTWARE DEVELOPER INTERN

May 2016 – Sep 2016 | Grand Rapids, MI

- Customer-requested modifications to core SalesPad products
- Mixed group and individual tasks
- Development of self-defined projects to improve internal quoting process, streamline SalesPad scripting

KELLOGG'S | INDEPENDENT CONTRACTOR/INTERN

May 2015 - Aug 2015 | Battle Creek, MI

- Designed and implemented defect detection system based on laser scanning conveyed product
- Built simple system to write simple path-following code for Fanuc robots
- Wrote technical manuals for defect detection system and path-following development system
- On-site and remote work
- Individual work, no direct supervision (monthly check-in with supervisor)

KELLOGG'S | INDEPENDENT CONTRACTOR/INTERN

Jun 2014 - Aug 2014 | Battle Creek, MI

- Worked with Fanuc vision system to identify and track moving products
- Wrote technical manual for basic Fanuc programming
- Developed wireless temperature monitoring solution in Excel/VBA
- Individual and small-group work, no direct supervision (weekly check-in with supervisor)

LEADERSHIP

MTU AEROSPACE ENTERPRISE | SOFTWARE SYSTEMS ENGINEER

Apr 2016 - Ongoing | Houghton, MI

- Software development for three US Air Force and NASA satellite contracts
- Architect for flight and ground software systems
- Plan and schedule integration and validation testing
- Coordinate software team with other teams
- Assist 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

MARSHALL FIRST ROBOTICS | SOFTWARE MENTOR

Sep 2013 - May 2014 | Marshall, MI

- Mentored 2-3 students in Java, best practices, and practical applications

AWARDS AND CERTIFICATIONS

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