Michael Mroczka

1269 Crowndale Lane,
Canton, MI 48188

MichaelMroczka.com

513.371.4598
michael.mroczka@gmail.com

EXPERIENCE

GENERAL ELECTRIC — AVIATION   **Dearborn, MI**
Digital Technology Leadership Program Member   **2017-Present**
                                                                                                                         Cincinnati, OH
- Implemented Apache Solr search engine saving $200,000 in third party licensed software   **2017**
- TeamTreehouse learning challenge competitor – 2nd place in 4 regions among 41 DTLPs
- Lead technical interviews for the team resulting in two hires
- Implemented Java API endpoints for business-facing application using Hibernate & MyBatis
- ALJ program graduate of the famous GE Crotonville learning center

GENERAL ELECTRIC — AVIATION   **Dearborn, MI**
Software Engineering Internship   **2016-2017**
- Designed user stories, requirements, and wireframes for an Exit Automation project that monitors user activities using big data analytics — alerting the IT team to potential insider threats
- Taught and directed technical interview preparation sessions to fellow interns

HARMON INTERNATIONAL   **Novi, MI**
Software Engineering Internship   **2014-2015**
- Error testing along with updating design and test documents — used Jira program to track 200+ bugs
- Stress tested amplifiers and speakers — found two bugs during the pre-launch of a speaker

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY	**Credits**	**Online Degree**
Pursuing Master's Degree in Computer Science	*3 In Progress*	**2018-Present**
Concentration in Artificial Intelligence	*6 of 30 Completed*	
Expected Graduation: December 2019		

- Classes completed include: Advanced Networking & Introduction to Information Security
- Active member on Piazza classroom communication boards

UNIVERSITY OF MICHIGAN – DEARBORN   **Dearborn, MI**
Major in Software Engineering   **2014-2017**
Graduated: December 2016
- Dean's List 2015
- ICPC Programming Competition Participant 2015 & 2016
- Association for Computing Machinery (ACM) member

SCHOOLCRAFT COMMUNITY COLLEGE   **Dearborn, MI**
General Education Credits   **2014-2017**
- Dean's List 2014
- Phi Theta Kappa Honor Society Member
- President of the Math & Physics Club — boosted membership by 60%
- American Mathematical Association for Two Year Colleges (AMATYC) Test Competitor — 12th place out of 400+ students

ADDITIONAL EXPERIENCE

Teacher's Assistant, Computer Science I: Graded and taught students at UofM about core computer science principles
Teacher's Assistant, Data Structures & Algorithm Analysis: Trusted to review coursework and grade quizzes
YouTube Instructor, Computer Science: Basic lectures on computer science concepts including data structures and algorithms

ADDITIONAL INFORMATION

- **Programming Languages:** Java • C++ • C • Python • HTML • CSS
- **Programming Technologies:** IDEA IntelliJ • Visual Studio 2013 • Eclipse • Microsoft SQL Server • VIM
- **Undergraduate Coursework:** Advanced C++; Algorithm Design; Data Structures; Object-Oriented Programming
- **Leadership Experience:** Crotonville Leadership Training, SE Class Team Lead; President of Math & Physics Club
- **Hobbies:** Part-Time Magician; Weight-lifting; Running; Gymnastics; Rubik's Cubes