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| 1269 Crowndale Lane,  Canton, MI 48188 | Michael Mroczka  [MichaelMroczka.com](http://michaelmroczka.com/) | | 513.371.4598 [michael.mroczka@gmail.com](mailto:michael.mroczka@gmail.com?subject=Hey%20Mike!%20Nice%20Resume!) | |
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| **EXPERIENCE** | | | | |
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| **GENERAL ELECTRIC — AVIATION**  **Digital Technology Leadership Program Member** | | | | **Dearborn, MI**  **2017-Present** |
| * Implemented Apache Solr search engine saving $200,000 in third party licensed software * 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 | | | | **Cincinnati, OH**  **2017** |
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| **GENERAL ELECTRIC — AVIATION**  **Software Engineering Internship** | | | | **Dearborn, MI**  **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 | | | |  |
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| **HARMON INTERNATIONAL**  **Software Engineering Internship** | | | | **Novi, MI**  **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 | | | | |
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| **EDUCATION** | | | | |
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| **GEORGIA INSTITUTE OF TECHNOLOGY**  ***Pursuing Master’s Degree in Computer Science***  ***Concentration in Artificial Intelligence***  ***Expected Graduation: December 2019*** | | **Credits**  *3 In Progress*  *6 of 30 Completed* | | **Online Degree**  **2018-Present** |
| * Classes completed include: Advanced Networking & Introduction to Information Security * Active member on Piazza classroom communication boards | | | | |
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| **UNIVERSITY OF MICHIGAN – DEARBORN**  ***Major in Software Engineering***  ***Graduated: December 2016*** | | | | **Dearborn, MI**  **2014-2017** |
| * Dean’s List 2015 * ICPC Programming Competition Participant 2015 & 2016 * Association for Computing Machinery (ACM) member | | | | |
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| **SCHOOLCRAFT COMMUNITY COLLEGE**  ***General Education Credits*** | | | | **Dearborn, MI**  **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 | | | | |
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| **ADDITIONAL EXPERIENCE** | | | | |
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| **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 | | | | |
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| **ADDITIONAL INFORMATION** | | | | |
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| * **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 | | | | |