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| (513) 371-4598 | | Michael Mroczka | | | [https://lh6.googleusercontent.com/Kt0-IuOHCwOYVrvjtVFwV_7Vh2-13DJNXte9Jmmva_X5K7VwNE4jUhbnVxJlwZR-NC4oQ-P9QZLleUL5YuXgw5v08suL8cyfZm7dzaxqKF_Cg4qSHPG1NrvwH3n-VVP_hg](https://github.com/mmroczka/) [https://lh5.googleusercontent.com/D-w3L91IxKcfiWdATWypG4uQndDmJ__BSHve59w770exEJD5PHPCLMsjN9PNxtHdvCqxvzb7LlRgouzJ5oTyFzM939pzmdxqCUlDYkEFH6kvYVnml3HFUo-m3QH1xzG5mQ](https://www.linkedin.com/in/michael-mroczka/) |
| Chicago, IL 60612 | | [MichaelMroczka.com](http://michaelmroczka.com/) | | | [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: Healthcare** | | ***Senior Software Engineer*** | | | **2019 – Present** |
| * Developed customer facing web applications using React, GraphQL, and Material Design * Programmed backend API’s for enterprise-level digital healthcare products operating on three continents | | | | | |
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| **Skilled Inc.** | | ***Part-Time Technical Interviewer*** | | | **2019 – Present** |
| *Private technical coaching company*   * Lead 40+ technical interviews for candidates in JavaScript, Python, C#, C++, and Java and provided advice and feedback | | | | | |
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| **Pathrise** | | ***Part-Time Technical Advisor*** | | | **2019 – Present** |
| *Career accelerator startup focused on teaching C.S. students how to get a job*   * Coached behavioral & technical interviews for students teaching fundamental C.S. concepts and behavioral techniques * Creator of technical workshops and curriculum enhancements | | | | | |
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| **General Electric: Aviation** | | ***Software Engineer*** | | | **2017 – 2019** |
| *Two-year rotational program with 6-months of work experience in**each**Backend, Full Stack, Data Analytics & Cyber Security*   * Implemented Apache Solr search engine for small production environment saving $200,000 in third party licensed software * Engineered framework for analysts to chain ~170 “warning” indicators together to reduce false positives of internal data leaks * Lead technical interviews for the team resulting in three new full-time hires for GE Aviation * Implemented Java API endpoints for project management budgeting tool to improve shared budget information * Spearheaded and trained team to adopt GitHub and Git CLI, improving speed of development and introducing version control * Accelerated $6,300,000 cash opportunity by programming backend SQL tool for inventory reduction | | | | | |
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| **General Electric & Harmon Kardon** | | ***Software Engineering Internships*** | | | **2014 – 2017** |
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| **EDUCATION** | | | | | |
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| **Georgia Institute of Technology** | | **Master of Science** | | | **2018 - 2020** |
| ***Computer Science with Artificial Intelligence concentration***  **Coursework**: Advanced Networking; Information Security; Software Analysis & Testing; Software Architecture, Health Informatics  **Achievements:** Teacher’s Assistant; 2018 SCLA Honor Society member | | | | | |
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| **University of Michigan** | | **Bachelor of Science** | | | **2014 - 2017** |
| ***Computer Science with Software Engineering concentration***  **Coursework:** Advanced C++; Data Structures & Algorithms; Object-Oriented Programming; Networking; Operating Systems  **Achievements:** Teacher’s Assistant; Dean’s List; ICPC Programming Competition Competitor 2015 & 2016; ACM member | | | | | |
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| **PROJECTS** | | | | | |
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| **L.A.T.E Chrome Extension:** Chrome extension helping language learners increase passive study time by swapping words on webpage into their target language of learned vocabulary words from popular Duolingo application  **Minesweeper Web Application:** A web-based version of minesweeper with beginner, intermediate, and advanced modes  **VIM Keyboard:** Scripts to enable global Vim-like key bindings allowing programmers to move between programs & text quickly | | | | | |
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| **ADDITIONAL EXPERIENCE & AWARDS** | | | | | |
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| **Treehouse Hackathon Winner:** 1st in US; 2nd place globally in Treehouse learning hackathon against 72 competitors across 14 countries  **2x “Above & Beyond” Winner:** Hundreds of dollars in gift cards given for going “Above & Beyond” what is required  **Nominated “Best Digital Technology Program Member”:** 4th out of 47 program members  **YouTube Instructor, Computer Science:** Basic lectures on CS concepts including data structures and algorithms  **Leadership Experience:** GE Crotonville L­­­eadership Training, SWE Class Team Lead; President of Math & Physics Club | | | | | |
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| **LANGUAGES & TECHNOLOGIES** | | | | | |
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|  | **Front End** | | **Backend** | **Tools** | |
| **Professional** | *React, JavaScript, HTML, CSS* | | *Java, Python, C#* | *Docker, AWS, Hibernate, MyBatis, Apache Solr, Material-UI* | |
| **Tinkerer** | *Angular, Vue, jQuery* | | *C++, C, Node* | *Ant-Design, OAuth* | |
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| **Databases:** Microsoft SQL Server • MongoDB • PostgreSQL  **Concepts:** Agile • Scrum • Kanban • REST • Material Design | | | | | |