

ANTONIO MIKA

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EDUCATION

- 2015-Present **University of Michigan – College of Pharmacy** Ann Arbor, MI
- Bachelor of Science – Pharmaceutical Sciences
- 2011-2015 **International Academy of Macomb** Clinton Township, MI
- International Baccalaureate – Diploma, GPA: 4.308

WORK EXPERIENCE

- 2017-Present **University of Michigan, Student Life, Resident Advisor** Ann Arbor, MI
- Work with 30+ students directly over the school year as their Resident Advisor, and help at the Community Center to ensure that the University Housing community is one that is safe and inclusive to all.
- 2016-Present **Trove, INC., Server Software Engineer** Ann Arbor, MI
- Developed voice integrations for the Trove AI platform. Also developed new methods for testing in production by deploying a full production cloud to run a user's data in a sandboxed fashion.
- 2015-Present **Companion, INC., Software Developer and Network Administrator** Ann Arbor, MI
- Managed deployment, loadbalancing, and maintainance of the Companion API using Docker and Fleet softwares running on different Amazon Web Services. Developed systems for managing Companion users, SMS messages, and short URLs.
- 2014-Present **Poblo International, Software Developer and System Administrator** Clinton Township, MI
- Managed office network and devices, as well as developed software for the creation of interactive brochures that could be easily emailed or displayed on a website.
- 2013-Present **Hydreon Corporation, Software Developer** Eden Prairie, MN
- Developed a global system that was used for intraserver communications as well as user transfer, load balancing, and authentication across servers.
- 2015-Present **MJ Health Management, Software Developer** Troy, MI
- Developed the MJ Health Management website and provided hosting and other server solutions to the company.
- 2014-Present **American Integrated Staffing Network, Software Developer** Troy, MI
- Created the AISN website and backend for organizing and parsing user uploaded resumes in order to aide with searching for candidates. Fixed, setup, and managed office devices (network [WiFi, LAN, Windows Workgroup], printers, computers, etc.).

SCHOLARSHIPS & AWARDS

- Sept. 2017 **Michigan Competitive Scholarship** Ann Arbor, MI
- Sept. 2016 **E. Martin and Florence L. Tallberg Scholarship** Ann Arbor, MI
- Feb. 2016 **1st Place Overall – MHacks, MLH (Major League Hackers)** Ann Arbor, MI
- Developed a real time interior localization platform designed to provide high resolution population density maps of large network infrastructures.
- Feb. 2016 **Best Use of Cloud Services – MHacks, Linode** Ann Arbor, MI
- Used Linode Cloud Services to run machine learning algorithms on large datasets, and ultimately visualize said data in an easy and impactful manner.

SKILLS

Web Development (Master): HTML, CSS, Javascript

Backend Development (Master): PHP, Python, Java, Go, Javascript, C++, Ruby, Rust

Network Administration (Master): Fleet, Docker, Kubernetes, AWS, GCE, Chef, Puppet
Database Administration (Master): MySQL, PostgreSQL, MongoDB, CitusDB, Percona, Redis
Office Tools (Master): Excel, Word, Powerpoint, Access, Outlook, Office365

VOLUNTEERING

- 2017-Present **Michigan Medicine – Mott’s Childrens Hospital** Ann Arbor, MI
 - Worked with Child Life Services, to distribute and play games with children. Specifically, working with the Game Cart/Start groups at the hospital to provide video games to children receiving treatment once a week.
- 2014-Present **International Academy of Macomb – FIRST Robotics** Clinton Township, MI
 - Worked with students to program in C++ and setup various controllers for the robots that would compete in the FIRST Robotics Competitions (FRC) a few times a month during competition season. Also helped with the introduction of CAD that was then used for 3D printing parts.
- 2014-Present **Wayne State University – Detroit Medical Center** Detroit, MI
 - Volunteered with the Emergency Medicine Clinical Research Department at Wayne State University, at Detroit Receiving Hospital in the DMC where I helped with various tasks as a Clinical Research volunteer a few times a month over the summer.
- 2013-2015 **Gleaners Food Bank** Warren, MI
 - Volunteered with Gleaners Food Bank through Key Club twice a month to help pack food for impoverished areas around Southeast Michigan.

ACTIVITIES

- 2016-Present **MHacks** Ann Arbor, MI
 - Director of MHacks. This included planning and organizing the MHacks Hackathons, a semiannual student-run hackathon held by the University of Michigan. Previously Tech Lead, where I helped create and manage the mobile apps, website, backend, and infrastructure used during the events, as well as by other hackathons across the country.
- 2015-Present **Michigan Hackers** Ann Arbor, MI
 - Security lead of Michigan Hackers. Held Capture the Flag (CTF) software security events with Facebook on campus, where students were able to come and learn about various vulnerabilities and attack vectors and how they can protect against them with ethical hacking.
- 2015-Present **Pre-Pharmacy Student Organization (PPSO)** Ann Arbor, MI
 - Active member of PPSO. Attended many PPSO events around campus that included various service based activities as well as events for professional development.

LANGUAGES

English <i>(Native speaker)</i>	Arabic <i>(Speaking, some reading, no writing)</i>
Spanish <i>(Speaking, reading and writing)</i>	Chaldean <i>(Speaking, some reading, no writing)</i>