Antonio Mika, Software Developer and Network Administrator

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SUMMARY

Self-taught programmer with over 8 years of experience in *NIX based systems and various languages. I have worked in many different environments that call for unique solutions for the problems at hand. Examples of some of my work can be found on GitHub or my website. I never stray away from a challenge and write clean and mean code.

EXPERIENCE

American Integrated Staffing Network, Software Developer

http://amstaffing.net

- AISN is a full service staffing agency that specializes in both skilled and unskilled worker placement in a variety of fields.
- Created the AISN website as well as backend.
- Setup a system for organizing and parsing user uploaded Resumes in order to aide in search.
- Fixed in-office devices.

Companion INC., Software Engineer and Network Administrator

https://companionapp.io

- Companion is a safety application for iOS and Android devices that allows you to virtually walk with a 'Companion' at your back. It has the ability to notify police if you're are in need and provides you with another form of protection.
- Manage deployment and loadbalancing of API software using Docker and Fleet.
- Manage deployment and maintenance of database servers across instances.
- Create and manage a system to control SMS gateways.
- Develop a system for simple push notifications across devices.
- Develop a system for generating short codes.

Hydreon Corporation, LifeBoat Survival Network, Software Developer

http://hydreon.com

- Hydreon develops technologies ranging from integrated devices to full fledged server networks. They run the worlds largest Minecraft Server, with more than 40k users playing together at any time.
- Worked on documenting an unknown, encrypted, UDP protocol.
- Developed global system used for intraserver communication.
- Worked on intraserver player communication and play (transfer + authentication).
- Working on a proxy based server transfer system for better loadbalancing.

MJ Health Management, System Administrator

https://mjhealthmanagement.com

- MJ Health Management specializes in providing contract, temp-to-perm, per diem, and direct hire personnel to every segment of the healthcare market.
- Manage backend servers and maintenance. Provide hosting and other services.

Trove INC., Backend Software Engineer

https://trove.com

- Trove is the first artificial intelligence layer for your email, highlighting what's important and allowing you to focus on needs to get done.
- Added a new integration to access the platform via one's voice.
- Added the ability to test software in a sandboxed area (provided all production services and allowed the export of users from the production environment for specific debugging and testing), all deployed from an internal operations site.
- Worked on metric and statistic reporting software for the platform.
- Various other platform and network improvements.

Poblo International, Software Developer and System Administrator
https://www.poblo.org

- Poblo International is a non-profit Christian organization aiming at changing the way missions around the world have an impact on people's lives in changing demographics.
- Fix intermittent issues with computers within the office.
- Created an interactive brochure and system for distribution.
- Created a secure messaging platform for the company's interests.

| AWARDS | **1st Place Overall - MHacks, MLH (Major League Hackers)** | 2016-19-02 |

- Developed a real time interior localization platform designed to provide high resolution population density maps of large network infrastructures.

Best Use of Cloud Services - MHacks, Linode 2016-19-02

- Used Linode for running cloud based machine learning algorithms on large datasets.

| VOLUNTEERING | **Detroit Medical Center, Volunteer** |
https://www.dmc.org/

- Providing medical excellence to the Metropolitan Detroit area.
- Various volunteer services as needed by the hospital

FIRST, Mentor
http://www.firstinspires.org

- (F)or (I)nspiration and (R)ecognition of (S)cience and (Technology).
- Help students with both C++ programming and onboard devices
- Introduced the use of CAD to help design and build robots

Gleaners Food Bank, Volunteer
http://www.gcfb.org

- Dedicated to helping those in need.
- Helped package foods to distribute to families in need

| EDUCATION | **International Academy of Macomb** | 2011 — 2015 |

International Baccalaureate - Diploma, GPA: 4.308

University of Michigan 2015 — Present
Bachelor of Science – Pharmaceutical Sciences

| 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

| LANGUAGES | English *(Native speaker)* , Spanish *(Speaking, reading and writing)* , Arabic *(Speaking, some reading, no writing)* , Chaldean *(Speaking, some reading, no writing)* |
| INTERESTS | Mountain Biking *[Fast-paced , Exciting]* , Programming *[Custom Solutions , Backend APIs]* , Teamwork *[Collaboration , Problem Solving]* |