Joshua Matthew Beaker
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August 2017 — Present

Wayne State University

Bachelors - Computer Science

August 2014 — April 2017

St. Clair County Community College

Associates - Science

"2018 Innovative ICT" International Summer School on Info & Communication Tech

Xidian University, Xi'an China

July 2018 — July 2018

- Attended lectures and worked with over 140 students from dozens of countries across Asia, Europe, Middle East, and Africa, as only attendee from western hemisphere
- Created AM radio from schematic, using soldering, pick-and-place machines, and oscilloscope. Placed 3rd overall.
- Worked with Chinese students on personal drone project: making arduino flight receiver.

M^2 Gate

Ann Arbor, MI (virtual)

May 2018 — July 2018

- Worked with students from Libya, Egypt, Tunisia, Morocco
- Identified and addressed social issues in aforementioned countries, decided to focus on lack of career advising.
- Used my experience to help whiteboard a crowdsourced mobile application that members can use to give personal career advice.

Intertape Polymer Group

ITSC Co-Op

June 2014 — March 2015

- First call for technical support
- Learned great deals in communication.

Student Organizations

Peer Hackers, President/Founder

November 2017 — Present

- Created student organization with goal of knowledge sharing, collaboration, technical extracurricular, free software open source principles.
- Helped organized University hackathon (DHack 2018 sponsored by AngelHack) for over 200 attendees, and taking full responsibility (organizing teams, sponsors, and specifics) for 2019 hackathon.
- Organized and personally ran events such as: OverTheWire wargames, introducing more than 20 students to linux and security. Technical interviews, teaching students how to interview (ongoing). Git workshop, introducing students to git for the first time (ongoing). Workplace emulation event, multiweek project that included recruiting workplace professionals to set up an emulated workplace environment with the goal of allowing students to sign up and work on a team with fellow students to gain knowledge on applying skills and working in a real development environment (ongoing).
- Made a drone using arduino, 3d printing, and c++.

Wayne State Robotics Club, Treasurer

November 2018 — Present

- Used experience to help up and coming org get off the ground.

Wayne State's ACM Chapter, Member

Wayne State Computing Coalition (ongoing), Founder/Member

January 2012 — January 2013

- Founded coalition to allow computing student orgs to pool resources and share space, as well as to encourage students to make their own topic-specific orgs (promising them membership and therefore access to pooled resources from an early stage).

Programming: C++, Python
Linux *(Intermediate)*: Arch Linux, Bash, Debian