

Joshua Matthew Beaker

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Education

Wayne State University	August 2017 - Present
Bachelors	
Computer Science	
St. Clair County Community College	August 2014 - April 2017
Associates	
Science	

Experience

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

Xidian University, Xi'an China 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.

M² Gate

Ann Arbor, Michigan (Virtual) May 2018 - June 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 crowd-sourced 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

Peer Hackers

President/Founder November 2017 - Present

- Created student organization with goal of knowledge sharing, collaboration, technical extracurricular, free software open source principles.
- Helped organize 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 ran OverTheWire wargames, introducing more than 20 students to linux and security.
- Organized and ran Technical interview workshop, teaching students how to interview (ongoing).
- Organized and ran Git workshop, introducing students to git for the first time (ongoing).
- Made a drone using arduino, 3d printing, and c++.

Wayne State Robotics Club

Treasurer November 2018 - Present

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

Wayne State Computing Coalition

Founder/Member December 2018 - Present

- 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).
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Skills

Programming Languages	C++, Python, Javascript HTML, CSS
Programming Technologies	NodeJS, ExpressJS, MongoDB, OAuth, QT 5, ROS (Robotic Operating System)
Linux	Arch, Debian, Kali, Bash