

EDUCATION

Harvard Extension School	2021
<ul style="list-style-type: none">• Advanced graduate coursework in Web Application Development Using Node.js• Created a web application using the MEAN stack	
University of Michigan, Ann Arbor	2020
<ul style="list-style-type: none">• Bachelor of Science in <i>Neuroscience</i>, Minor in <i>Computer Science</i>• University Honors for Academic Achievement	
Birch Run High School	2015
<ul style="list-style-type: none">• Class Salutatorian	

WORK EXPERIENCE

INSTRUCTOR ASSISTANT	2017- 2020
<i>University of Michigan, College of Engineering</i>	
<ul style="list-style-type: none">• Instructed the introductory course lab section for the computer science major, EECS 183: Elementary Programming Concepts, in order to prepare students for future engineering courses• Created weekly lessons to teach C++, Python, Git and Arduino to university students of various computer science backgrounds• Wrote, tested and debugged code for current and future projects, assessments and lessons for each academic term• Held office hours to assist with conceptual questions and debugging, while emphasizing the practice of test-driven development in order to write robust code• Coordinated with colleagues to translate and implement the course in a remote, online format	
UNDERGRADUATE LABORATORY ASSISTANT	2016- 2017
<i>Wang Lab, University of Michigan</i>	
<ul style="list-style-type: none">• Completed independent projects and communicated with researchers for additional tasks• Organized and restocked lab equipment to contribute to protein engineering research at the University• Cleaned the lab and equipment daily to prevent cross contamination of protein samples	
I.T. ASSISTANT	2014- 2015
<i>Birch Run Area Schools Technology Department</i>	
<ul style="list-style-type: none">• Provided IT support stakeholders within the K-12 district schools, academic and bus administration, and the early college program• Repaired, replaced and troubleshoot issues with Windows and Mac devices, new software and classroom technology	

SKILLS AND ABILITIES

- **Programming Languages:** C++, Python, JavaScript
- **Frontend Development:** Angular, HTML, CSS
- **Backend Development:** Node.js, Express, REST APIs
- **Databases:** MongoDB and Mongoose
- **Version Control:** Git
- **IDEs:** VS Code, Visual Studio, XCode
- **Hardware:** Arduino and Raspberry Pi
- **Statistical Analysis:** SPSS, Excel
- **Foreign Language Proficiency:** French

ADDITIONAL ACTIVITIES:

- **Head of RC Dance Forum:** founded and led a for-credit dance club within a residential living/learning community
- **Philanthropy Committee for Zeta Omega Eta:** fundraised for, developed and implemented events for various charity drives with other committee members
- **Head Programmer for Robotics Club:** Programmed a robot using C++ which qualified for the FIRST Robotics National Competition; taught junior teammates how to program
- **President of Forensics Club:** Led club meetings for competitive public speaking team; mentored other members to foster better communication and speaking skills