

Education

University of Michigan

Ann Arbor, Michigan September 2011 - April 2017

- B.S. in Computer Science through the College of Engineering
- Minor in Mathematics through the College of Literature, Science, and the Arts
- EECS 498: Introduction to Natural Language Processing
- EECS 486: Information Retrieval
- EECS 485: Web Systems

Buena Vista High School

Saginaw, MI 2007-2011

Experience

Language and Information Technologies (LIT)

Ann Arbor, MI May 2017 – September 2017

- Created rule-based and machine learning frameworks in research to retrieve the names, genders, and ages in family histories that were provided using natural language.
- Assisted in collecting data for identity deception detection research and created scripts to automate the pre-processing of the data.

Summer Undergraduate Research in Engineering (SURE)

Ann Arbor, MI April 2015 – August 2015

- Created an application that could assist in querying human vision and then use the collected data to translate how humans perceive visual illusions into computer vision.

UMCOE - It's All about the Music Summer Camp

Kalamazoo, MI April 2012 – August 2012

- Created and utilized a lesson plan to help introduce high school students to computer science through digital music production software.

University Unions

Ann Arbor, MI January 2012 – April 2017

- Set furniture and audio/visual connections of rooms throughout the Michigan Unions in a timely manner and created personal ways to work more efficiently.
- Trained and advised less experienced co-workers in role as Lead Set-up.

Skills

Programming: Proficient in C++ and Python. Can also work with JavaScript, HTML, and CSS for web development. Most comfortable working through bash utilizing make, git, ssh, etc.

Data Analysis: Proficient with Python using tools, such as regular expressions and web crawlers.

Technical Communication: Proficient in Creating technical documents with MS Office.

Operating Systems: Effective on both Windows and Ubuntu. Capable on OSX

Communication: Great English Communication Skills, Proficient in Spanish.