

EDUCATION

<b>Case Western Reserve University(CWRU)</b> <i>Bachelor of Science in Computer Science; GPA: 3.13</i>	Cleveland, OH <i>Aug. 2015 – Expected 2019</i>
<b>Relevant Courses:</b>	
Machine Learning Advanced Algorithms Introduction to Databases	Artificial Intelligence Computer Networks Algorithms
Introduction to Probability OS and Concurrent Programming Linear Algebra	

EXPERIENCE

<b>Ray Machine Learning Lab, CWRU</b> <i>Research Assistant</i>	Cleveland, OH <i>Jul 2017 - Present</i>
<b>Natural Language Generation:</b> Extended a Natural Language Generation system for use with different grammar formalizations	
<b>Distributional Semantics:</b> Analyze Distributional Semantic systems (ie word2vec) for usability in Natural Language Generation	
<b>CWRU, EECS 340- Algorithms</b> <i>Teaching Assistant</i>	Cleveland, OH <i>Aug 2017 - Present</i>
<b>Recitation Leader:</b> Teach a 15 person section and group sections of up to 50 people	
<b>Grader:</b> Grade and provide detailed feedback on quizzes and homework for a 100 person class	
<b>CWRU</b> <i>Facilities Services Assistant</i>	Cleveland, OH <i>May 2017 - Aug 2017</i>
<b>Teamwork:</b> Worked in a team of 8 people and interfaced with other teams to minimize conflicts over work space	
<b>Maintenance:</b> Ensured over 1000 rooms conformed to standards for student housing	
<b>Kirsch Brain-Machine Interface Lab, CWRU</b> <i>Research Assistant</i>	Cleveland, OH <i>Aug 2015 - Jul 2017</i>
<b>Brain-Machine Interface:</b> Part of Brain-Gate 2 trial, worked with participants with Quadriplegia	
<b>Data Visualization:</b> Developed novel methods for visualizing path efficiency for grasps in 2D and 3D spaces	
<b>Control System Design:</b> Implemented Goal-Based control structures for use in real time by participants using Matlab	

PROJECTS

<b>OpenMined</b> <i>Open Sourced, Encrypted, Decentralized, Artificial Intelligence platform</i>	<i>Aug 2017 - Present</i>
<b>Language Translation:</b> Automated transporting model training functionality from the python to JavaScript using node	
<b>Community Engagement:</b> Match potential contributors with issues that best suit their skill sets	
<b>R4</b> <i>Cloud Storage Solution for storing data redundantly on multiple cloud storage providers</i>	<i>Feb 2017 - Present</i>
<b>Server Development:</b> Built backend to route incoming requests to S3, Google Cloud and Azure buckets using Django	
<b>Functionality Parsing:</b> Implemented JSON parsing to generate functions from boto3 technical descriptions	
<b>Walkmate</b> <i>Class Project for Introduction to Databases. System for pairing people walking to the same place</i>	<i>Oct 2016 - Dec 2016</i>
<b>Database Development:</b> Designed object-relational database schema and created appropriate tables using postgresql	
<b>Web Design:</b> Created web interface for manipulating the database using python, pycopg2, flask and docker	

PROGRAMMING SKILLS

<b>Languages:</b> Python, JavaScript, TypeScript, Java, C, SQL, Html, CSS, Matlab
<b>Technologies:</b> AWS, Docker, Node, Angular, Django, Flask, Postgresql, NLTK, SciPy, Git, Linux

LEADERSHIP AND EXTRACURRICULARS

<b>Case Western Reserve Chapter of Delta Chi:</b> Membership Development Chair, Former Judicial Board Member
<b>Alpha Phi Omega, Theta Upsilon Chapter:</b> Webmaster, Former Sergeant at Arms
<b>CWRU Fighting Gobies, Ultimate Frisbee Team:</b> Developmental Team Member