

EDUCATION

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

EXPERIENCE

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

PROJECTS

OpenMined <i>Open Sourced, Encrypted, Decentralized, Artificial Intelligence platform</i>	<i>Aug 2017 - Present</i>
Language Translation: Automated transporting model training functionality from the python to JavaScript using node Community Engagement: Match potential contributors with issues that best suit their skill sets	
R4 <i>Cloud Storage Solution for storing data redundantly on multiple cloud storage providers</i>	<i>Feb 2017 - Present</i>
Server Development: Built backend to route incoming r4 requests to s3, google cloud and azure buckets using Django Functionality Parsing: Implemented Json parsing to generate functions from boto3 technical descriptions	
Walkmate <i>Class Project for Introduction to Databases. System for pairing people walking to the same place</i>	<i>Oct 2016 - Dec 2016</i>
Database Development: Designed object-relational database schema and created appropriate tables using postgresql Web Design: Created web interface for manipulating the database using python, pycopg2, flask and docker	

PROGRAMMING SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, SQL, Matlab
Technologies: AWS, Docker, Node, Angular, Django, Flask, Postgresql, NLTK, SciPy, Git, Linux

LEADERSHIP AND EXTRACURRICULARS

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