

# Gabriel Ewing

gre5@case.edu  
505-331-5334  
github.com/gabriel-komaromy

4118 Sunningdale Ave NE  
Albuquerque, NM, 87110

2021 Random Rd., Apt. 3  
Cleveland, OH, 44106

## Education

### **Case Western Reserve University**

*Master of Science Degree in Computing and Information Science*  
GPA: 3.75

Cleveland, OH

August 2015-Present

Expected: May 2017

*Bachelor of Science Degree in Computer Science*  
GPA: 3.61

August 2011-December 2015

## Research

I study the subfield of machine learning called reinforcement learning with Professor Soumya Ray. I focus on using continuous learning techniques to solve simulated control tasks. I run experiments on CentOS servers using Python with scientific computing packages.

## Technical Experience

### **Rocket Software**

*Machine Learning Intern*

Austin, TX

May 2016-August 2016

- Developed models to predict database performance on mainframes

### **Case Western Reserve University**

*Teaching Assistant, EECS 391 (Artificial Intelligence)*

Cleveland, OH

January 2016-May 2016

*Teaching Assistant, EECS 233 (Data Structures)*

January 2015-May 2015

- Graded programming and handwritten assignments
- Hosted office hours

### **Codonics, Inc.**

*Test Engineering Co-op*

Middleburg Heights, OH

January 2014-August 2014

- Wrote AutoIt and Bash test scripts for medical software and devices
- Executed systematized and ad hoc product testing

## Technical Skills

*Primary Language:* Python, with NumPy, SciPy, and Apache Spark

*Other Languages:* Java, Scala, Matlab, Scheme, C, MIPS, Bash, AutoIt, L<sup>A</sup>T<sub>E</sub>X

*Tools:* GNU/Linux, OS X, Git

## Coursework

Discrete Math, Data Structures, Algorithms, Databases, Linear Algebra, Logic Design and Computer Organization, Networks, Software Engineering, Probability, Computer Architecture, Operating Systems, Programming Language Concepts, Artificial Intelligence, Machine Learning, Software Craftsmanship, Advanced Algorithms, Computer Security, Algorithmic Robotics

## Activities

Chess Master (United States Chess Federation National Master)