

MICHAEL SUN

<http://micsun.scripts.mit.edu/micsun.me/>

(201)-458-2138
micsun@mit.edu

EDUCATION

- JUNE 2018 **Master's of Engineering Program**
Massachusetts Institute of Technology, Cambridge, MA
Pursuing fifth-year master's program at MIT in September 2017
- SEPT 2013 - JUNE 2017 **Bachelor's Degree**
Massachusetts Institute of Technology, Cambridge, MA
Pursuing double major in Mathematics and Computer Science
GPA: 4.8/5.0

WORK EXPERIENCE

- CURRENT
JAN 2017 Massachusetts Institute of Technology, Cambridge, MA
Teaching Assistant
Graduate teaching assistant for 6.874 (Deep Learning for Computational Biology)
- CURRENT
JAN 2017 Microsoft Azure, Cambridge, MA
Software Engineering Extern
Implementing existing models such as DCGAN and word2vec using Microsoft's Cognitive Toolkit (CNTK) API
- SEPT 2016 - JAN 2017 MIT CSAIL, Gifford Laboratory, Cambridge, MA
Undergraduate Researcher
Researching variations in neural network sparsification for classifying DNA methylated sequences
- MAY - AUG 2016 Google, Cambridge, MA
Software Engineering/Research Intern
Researched and developed explanatory methods and visualizations of neural network classifier decisions in TensorFlow as a part of the Google Brain team.
- JAN - FEB 2016 Five Rings Captial, New York, NY
Trading Intern
Designed and back-tested trading strategies for futures spreads between different products.
- SEPT 2014 - JUNE 2015 MIT Media Lab, Fluid Interfaces Group, Cambridge, MA
Undergraduate Researcher
Developed an eye-based collaborative problem solving platform in Python and Node.js using gaze tracking data to control mouse movement.

PROJECTS AND EXTRACURRICULARS

- POKÉME Web application built on Node.js using machine learning to compare faces to Pokémon.
Best Use of Clarifai API Winner at HackMIT, 9/20/2015
- MIT IMOBILARE Member and webmaster for MIT's freestyle and breakdancing club
<http://imobile.mt.edu/>, Sept 2013 - Present

SKILLS

Software Engineering: Python, Java, PHP, SQL, Tensorflow
Computer Design: Javascript, HTML, CSS, Node.js, Meteor