

# Sean Mullan

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## Education

- University of Iowa, Iowa City, IA September 2017 – Present
- Master of Computer Science
  - Expected Graduation: Spring 2019
  - Relevant Coursework: High Performance and Parallel Computing, Distributed Systems and Algorithms, Fundamentals of Software Engineering
- Carleton College, Northfield, MN September 2012 – June 2016
- Bachelor of Art in Computer Science, Concentration in Cognitive Science
  - GPA: 3.3/4.0
  - Relevant Coursework: Data Structures, Programming Languages, Natural Language Processing, Mobile App Development, Evolutionary Computing, Operating Systems, Software Design, Artificial Intelligence, Data Mining, Robotics Research, Networking, Algorithms, Computer Organization and Architecture, Computability and Complexity
- Eotvos University, Budapest, Hungary September 2014 – December 2014
- Budapest Semester in Cognitive Science
- Udacity (www.udacity.com)
- Front-End Web Developer Nanodegree August 2016 – October 2016
  - Deep Learning Nanodegree February 2017 – June 2017

## Work Experience

- University of Iowa, Graduate Teaching Assistant August 2017-Present  
Acting as a teaching assistant for the Human-Computer Interaction course. Responsibilities include grading and office hours to assist students over the course of the term.
- University of Iowa, Research Assistant June 2017-August 2017  
Worked with professor Kyle Rector and her work in Human-Computer Interaction. Responsibilities primarily included writing software for wearable technologies to be used in trials with blind participants, academic writing, and computer vision programming to assist sightless navigation on a running track.
- Silent Lupin LLC, Founder June 2013-Present  
Founded the company in the state of Iowa. Organizing company finances, researching, testing, and implementing payment integrated POS services according to client specifications as part of a contract for Kylemore Center LLC. Consulting and assisting with the digitalization of paper records for the Kylemore Center. Developed a POS/Inventory management desktop application for Kylemore Center LLC.
- Quality Consulting Inc., Consultant September 2016-May 2017  
Contracting as a Test Automation Engineer working with Typescript and Protractor to write test suites and modules for DuPont Pioneer's Encirca service, which is written in large parts using AngularJS.
- Carleton College, Assistant to Academic Technologist June 2014 - June 2015  
Used Python and Objective-C to write a series of programs and scripts for web-archiving and data processing within Carleton College's humanities departments and library services.
- Carleton College, Grader March 2015-June 2016  
Graded homework for the Evolutionary Computing, Introduction to Computer Science, Data Structures, Natural Language Processing, and Operating System classes from the Spring 2015 term to the Spring 2016 term based on skill with the relevant coursework.
- Stroll Health, Technical Intern November 2015-December 2015  
Worked as part of a team to develop a front-end interface for the Stroll Health physician website and a mobile interface for the Stroll Health patient website. Worked on investor research for Series A funding.

## Skills

Objective-C, Python, C, C++, Java, Swift, HTML, CSS, JavaScript, TypeScript  
Skilled with TensorFlow, Keras, NodeJS, Angular, Protractor, Git, OpenMP, MPI, MongoDB, OpenCV  
Good with Excel, Adobe Photoshop, Adobe Illustrator