

James Duyck

(617) 233-0896 ~ jamesduyck@gmail.com

EDUCATION

M.S. in Machine Learning

Sept. 2014 - Dec. 2015

Carnegie Mellon University, Pittsburgh, PA

B.S. in Mathematics with Computer Science

Jun. 2014

Massachusetts Institute of Technology, Cambridge, MA

- Cumulative GPA: 4.8 (on a 5.0 scale)

EXPERIENCE

Software Engineer Intern

Jun. 2014 - Aug. 2014

Oracle, Burlington, MA

- Made Python BIOS parameter testing framework
- Enhanced and added functions to existing tools
- Developed reusable utilities to support tools

Undergraduate Research Opportunities Program

Dec. 2010 - May 2014

Signals and Systems Group, Earth Atmospheric and Planetary Sciences, MIT, Cambridge, MA

- Designed, conducted, and analyzed results of relevance feedback skill tests
- Adapted a large code base to a collaborator's specific needs
- Measured effectiveness of image matching algorithms
- Contributed to papers reporting results
- Helped team members set up code base variants

Architecture Intern

Jun. 2013 - Aug. 2013

Synaptics, San Jose, CA

- Designed and implemented test automation and result comparison system
- Completed and presented documentation of system

Tutor

Feb. 2013 - May. 2013

Math Learning Center, MIT, Cambridge, MA

- Tutored in calculus, differential equations, probability, and linear algebra

SKILLS

<i>Software</i>	Proficient in Java, MATLAB, Scheme, and Python
<i>Software</i>	Experience in Bash, JavaScript, Julia, HTML, L ^A T _E X

PUBLICATIONS

Duyck, James et. al. "Sloop: A Pattern Retrieval Engine for Individual Animal Identification." *MCPR 2014*.

ACTIVITIES

Treasurer, President: MIT Anime Club

Sep. 2011 - May. 2014

Volunteer Programmer: University of Western Ontario Debate Society High School Tournament

Nov. 2012

OTHER

Citizenship Dual American and Canadian