

EDUCATION

Carnegie Mellon University, Pittsburgh, PA*Ph.D. Candidate***Aug 2012 – present**

- Expected graduation date: May 2017
- Department: Machine Learning, School of Computer Science

California Institute of Technology, Pasadena, CA*Bachelor of Science (Computer Science)***Aug 2010 – June, 2012****Wesleyan University**, Middletown, CT*Bachelor of Art (Physics and Mathematics)***Aug 2007 – May 2010**

EMPLOYMENT

Google, Pittsburgh, PA*Software Engineering Intern***May, 2013 – August, 2013**

- Contributed to the Ad Quality backend; developed hyperparameter-tuning framework to optimize SmartAds training system with convex and non-convex optimization algorithm; built web demo.

LinkedIn, Mountain View, CA*Software Developer Intern***June, 2012 – August, 2012**

- Implemented several background tasks in the payment backend using Java, Oracle SQL, Python, and Spring Framework.

OpenX, Pasadena, CA*Software Developer Intern***April 2012 – June, 2012**

- Simulated large number of users to load-test several internal servers using Erlang and Tsung; developed Tsung modules to enable Thrift protocols.

Caltech Computer Science Department, Pasadena, CA*Teaching Assistant***April 2011 – June, 2012**

- Held weekly Office Hour and grade students' work for two courses: (i) CS156a *Learning Systems*; (ii) CS11 *Computer Language Shop on C programming language*.

*Research Assistant***June 2011 – September 2011**

- Contributed to the Community Seismic Network project which use machine learning algorithms to detect earthquakes on smartphones and other distributed sensors.
- Applied *coreset* to training Gaussian mixture model with expectation-maximization (EM) algorithm on smartphone acceleration data.

Argus Information & Advisory LLC, White Plains, NY*Summer Analyst Intern***June 2010 – August 2010**

- Benchmarked U.S. credit card issuers' performances and provided customer management strategies based on account-level data analysis using MySQL.
- Developed Microsoft Power Point VBA to streamline the presentation production.

PROGRAMMING

C/C++, Matlab, Python, Java, Linux, L^AT_EX 2_ε.