Carolyn Saund

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EDUCATION

TUFTS UNIVERSITY
BS in Computer Science
& Brain and Cognitive Science
Expected May 2015
Cum. GPA: 3.65

UNIVERSITY OF CANTERBURY
New Zealand | Study Abroad
GPA 4.0

LINKS

Github:// **csaund**
LinkedIn:// **carolynsaund**

RELEVANT COURSEWORK

Machine Learning & Advanced Topics
Computational Models of Cognitive Science
Stochastic Systems
Linear Algebra
Machine Structure & Assembly Language
Algorithms
Computational Theory
Human-Computer Interaction
Artificial Intelligence
Programming Languages
Web Programming

SKILLS

LANGUAGES
Proficient
C • C++ • Python
Familiar
Java • JavaScript • CSS • HTTP • MySQL • Golang • LISP

WORKFLOW
• Git and SVN
• Unix/Linux Environments
• Large scale deployment & Test suites (Jenkins)
• Exposure to hadoop & mapreduce

EXPERIENCE

SPOTIFY | Software Engineering Intern
May 2014 - August 2014 | Cambridge, MA
- Full-stack development of internal desktop application.
- Developed web tools to test new song recommendation algorithms.
- Worked on team to develop new song similarity machine learning algorithms.

TUFTS UNIVERSITY | Teaching Assistant, Computer Science
Jan 2012 – Jan 2015 | Medford, MA
- Introductory, Data Structures, Machine Structure and Assembly Language Programming, Machine Learning.
- Teach Computer & laboratory skills to students at many levels.
- Evaluate assignments and projects.
- Participate in designing course structure and syllabus.

TUFTS UNIVERSITY | Research Assistant, Biomedical Engineering
Sept 2011 – Sept 2012 | Medford, MA
- Experimented with various methods of creating 3-Dimensional silk scaffolds to promote neuron extension.
- Trained in many wet lab techniques and confocal laser microscope use.

LEADERSHIP & COMMUNITY SERVICE

WOMEN IN COMPUTER SCIENCE | President
Jan 2013 – Present | Tufts University
- Coordinate logistics of speakers, hack events, and regular meetings for women in CS Department at Tufts.
- Led executive board in creating the WiCS mission and club constitution.
- Gained University recognition and widespread presence on campus.

GIRLS COMPUTER CLUB | Head Instructor
July 2013 - Oct 2013 | UCanterbury, NZ
- Developed curriculum for middle-school aged girls to promote exploration in Computer Science.
- Led students through tutorials and encouraged and supported personal projects.
- Arranged product and research demos by university professors and local companies.

OTHER EXTRACURRICULARS

• Alpha Omicron Pi (VP Academic Development) • Tufts Mountain Club, Certified Trip Leader • WWOOF (Worldwide Organization of Organic Farmers) in Germany and New Zealand • Girl Scout Gold Award