

Carolyn Saund

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EDUCATION

TUFTS UNIVERSITY

BSC, COMPUTER SCIENCE, BRAIN
AND COGNITIVE SCIENCE
May 2015 | Somerville, MA

UNIVERSITY OF CANTERBURY

BS, COMPUTER SCIENCE
June 2013 - Jan 2014 |
Christchurch, NZ

UNIVERSITY OF GLASGOW

MSC, RESEARCH METHODS IN
PSYCHOLOGY
Sept 2018 - Sept 2019 (Expected) |
Glasgow, UK

COURSEWORK

UNDERGRADUATE

Advanced Topics in Machine
Learning
Computational Models of Cognitive
Science
Stochastic Systems
Linear Algebra
Machine Architecture and Assembly
Advanced Topics in Artificial
Intelligence

CONTINUING

Advanced Seminar in Cognitive
Architectures
Neural Networks for Machine
Learning

SKILLS

LANGUAGES

Over 5000 lines:
Javascript • Python • C
C++ • Java
Over 500 lines:
LISP • CSS • HTTP • R

WORKFLOW/Frameworks

git/github • NodeJS • React •
SVN • Unix/Linux • Jenkins/TDD
• CI releases • Stash •
Phabricator/arcanist • Gradle

RESEARCH

MSC, RESEARCH METHODS IN PSYCHOLOGICAL SCIENCE

Sept 2018 - Sept 2019 (Expected) | Glasgow, UK
Supervisors: Philippe Schyns & Stacy Marsella

- Design of bodily gesture system for virtual humans to compare naturalness of accompanying speech patterns and consequential efficacy of communication.
- MEG analysis of decision making data for use in determining information integration areas in the adult human brain.

PUBLICATIONS

- Cu tritani eloquentiam quo, ex his omnium audiam intellegam. Etiam decore menandri vel ea, aequae nominavi nec no, quaestio atomorum tincidunt at has

WORK EXPERIENCE

COGITO

PLATFORM TEAM LEAD

Jan 2018 - August 2018 | Boston MA

- Managed Agile team of 10 engineers
- Oversaw top-to-bottom implementation of three major user-facing features

SENIOR SOFTWARE ENGINEER

August 2017 - Jan 2018 | Boston MA

- Originally Implemented and manage release pipeline.
- Full-stack development of Role-Based User Management (RBUM) APIs.

JIBO

ROBOT SDK ENGINEER

May 2015 - Dec 2016 | Boston, MA

- Architected data APIs for dev tools to manage robot sensory input from cameras and microphones.
- Implemented frontend UI and developer interfaces to build high-level skills.

CHARACTER AI ENGINEER

Jan 2017 - August 2017 | Boston, MA

- Designed and implemented robotic bi-axial Emotion System and corresponding impacts on robot behavior.
- Single-handedly architected and maintained robot listening pipeline (main interface for interaction).

SOFTWARE CONSULTANT

August 2017 - December 2017 | Boston, MA

SPOTIFY

SOFTWARE ENGINEERING INTERN

May 2014 - Sep 2014 | NY, NY

- Full stack development of internal desktop application.
- Developed web APIs and GUI for music annotation tools

AWARDS & APPEARANCES

AWARDS

- Culture Award (First Recipient) | Jibo Inc. Award for outstanding cultural contributions to the company.
- Girl Scout Gold Award | Highest Honor of Girl Scouts of America

PUBLIC SPEAKING APPEARANCES

- SXSW, Robot Petting Zoo (presentation & booth)
- Women Engineers who Code Conference, (technical workshop & imposter syndrome seminar)
- Lesbians Who Tech, presentation on emotional future of robotics
- Boston ML Meetup, presenter on Innovations in Human-Computer Interfaces
- MLHack Championships, (technical presentation & hackathon judge)
- Tufts WICS Conference, Alumni Pannel

MEMBERSHIPS & ACTIVITIES

- Cognitive Science Society
- Project Management and Leadership Book Group
- AI and Technological Futurism Book Group (Organizer)
- Div II Ultimate Frisbee (Captain)

LEADERSHIP AND COMMUNITY SERVICE

CAMBRIDGE INVENTORS CLUB | VOLUNTEER

Jan 2016 - Present | Cambridge, MA

Work with children age 8-13 on engineering fundamentals, such as iterative design, retrospectives, and cooperation

BOSTON ULTIMATE DISK ALLIANCE | COACH

March 2016 - Sept 2016 | Jamaica Plain, MA

First coach on new high school girls team, focused on empowering women in the Boston ultimate community

GIRLS WHO CODE | INSTRUCTOR

Sept 2015 - June 2016 | Belmont, MA

Instructed three levels of middle- and high-school aged students from introduction to basic data structures. Supplemented given course materials with additional lesson plans to emphasize CS fundamentals.

WOMEN IN COMPUTER SCIENCE | PRESIDENT

Jan 2013 - Jan 2015 | Somerville, MA

- Coordinated logistics of club hackathons, speakers, and outreach.
- Led executive board in creating WiCS mission and club constitution.