

# RACHAEL ROBINSON

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rachaelrobinson.github.io

## EDUCATION

Tufts University, Medford, MA  
Bachelor of Science in Computer Science, Expected May 2017  
GPA 3.73, Dean's List

## SCHOLARSHIPS

Grace Hopper Celebration of Women in Computing Scholar 2015

## RELEVANT COURSES

Web Programming, Algorithms, Machine Structure and Assembly Language Programming, Data Structures, Introduction to Computer Science

## PROJECTS

Implemented a program to compress and decompress an image using C  
StreetSpot: a Rails website for college students to find off-campus housing and review landlords (currently working on)

## SKILLS

Programming languages: C, C++, JavaScript, Ruby, HTML, CSS, Command Line programming, SQL  
Frameworks: Backbone.js, Rails  
Software: Adobe Photoshop, Adobe InDesign, Adobe Captivate, Git

## EXPERIENCE

**Computer Science Faculty Research Project**, Tufts University, Medford, MA

*Principal Investigator*, June 2015 - Present

- Coordinate and facilitate all study activities including facilitating play tests

*Software Engineer*, September 2014 - Present

- Design algorithms to model animal life in game
- Implement features for a Rails and Backbone video game

**Healthworks**, Boston, MA

*Front Desk Staff*, May - August 2015

- Provided high-level of customer service within fast-paced work environment

**TEDx Tufts**, Tufts University

*Web Lead*, September 2015 - Present

*Web/Design Team Member*, February - September 2015

- Manage and update website content
- Plan event collaborating with six other specialized teams and speakers

**Institute of Translational Health Sciences**, University of Washington Seattle, WA

*Video Intern*, June - August 2014

- Created short tutorial videos using Adobe Captivate to communicate application features to a non-technical audience

**Leonard Carmichael Society**, Tufts University

*Community Service Volunteer*, September 2013 - May 2014

- Mentored and encouraged interpersonal skills with 5-year-old child

**University of Washington Oceanography**, Seattle, WA

*Research Intern*, May - June 2013

- Computed statistics for ocean current activity
- Produced visualizations of ocean current statistics using MATLAB

## INTERESTS

Digital and film photography, snowboarding, biking, personal fitness, travel