

# Brett Gurman

brett.gurman@tufts.edu • (203) 221-0782 • 19 Old Easton Tpke, Weston CT 06883

---

## **EDUCATION:**

- **Tufts University**, Medford, MA GPA: 3.43
  - Bachelors of Science in Computer Science and Cognitive and Brain Sciences, expected May 2017

## **WORK AND RESEARCH EXPERIENCE:**

- **Tufts Computer Science Department** | Medford, MA  
*Teaching Assistant* | September 2014 - Present
  - Grade assignments for Data Structures and Introduction to Computer Science
  - Teach computer laboratories for intermediate programming students
  - Guide students in completion of major course assignments during office hours
- **JoMI (Boston Startup)** | Boston, MA  
*IT Engineer* | June 2015 - August 2015
  - Created web content for a video-based medical journal startup company
- **Tufts Human-Robot Interaction Laboratory** | Medford, MA  
*Research Assistant* | November 2014 - August 2015
  - Contribute to work searching for novel methods in machine learning including one-shot learning techniques, power of analogy, and moral systems
- **Tufts Electrical Engineering Department** | Medford, MA  
*Research Assistant* | June 2014 - September 2014
  - Presented graduate-level papers to research group
  - Collaborated on research project to find novel methods for tensor decomposition

## **EXTRACURRICULAR ACTIVITIES:**

- **Tufts Varsity Swimming and Diving Team** | September 2013 - Present
  - Attend daily 4-hour practices and weekly meets

## **SKILLS:**

- **Programming Languages:** C, Python, C++, Assembly Language, Javascript, HTML, CSS, Scheme, Standard ML, Java, Bash, SQL, R,
- **Software:** Microsoft Office, GNU, Git, Linux, Heroku
- **Foreign Languages:** Chinese
- **Relevant Coursework:** Machine Structure and Assembly Language, Programming Languages, Computer Graphics, Data Structures, Web Programming, Computation Theory

## **EXAMPLE WORK:**

- **Studybuddies** | Fall 2015 (Tufts Fall 2015 Polyhack Hackathon)
  - Coded flask- and postgresql-based web app for finding study groups or quiet study locations on Tufts campus
- **Universal Machine** | Fall 2014
  - Designed and implemented a 32-bit segmented memory Universal Machine