Brett Gurman

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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

- Implemented methods to help incorporate a physics simulator into a decision making algorithm for use with robots

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:

Lost and Found App | Fall 2015 (Tufts Fall 2015 Polyhack Hackathon)

- Coded a flask- and postgresql-based web app that allows finders of lost items to advertise their finds and helps owners of lost items to recover their belongings

Universal Machine | Fall 2014

- Designed and implemented a 32-bit segmented memory Universal Machine