Brett Gurman

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

EDUCATION:

- Tufts University, Medford, MA

GPA: 3.33

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
- Tufts Human-Robot Interaction Laboratory | Medford, MA

Research Assistant | November 2014 - Present

- 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 I June 2014 - September 2014

- Presented graduate-level papers to research group
- · Collaborated on research project to find novel methods for tensor decomposition
- Yale University, Andrew Phillips | New Haven, CT

Research Assistant | June 2012 - August 2014

- · Conducted biochemistry experiments involving extensive lab- and field-work
- · Assisted graduate students with high level chemistry experiments

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

- **Software:** Microsoft Office, GNU, Git, Linux, Heroku

- Foreign Languages: Chinese

- Relevant Coursework: Machine Structure and Assembly Language, Programming Languages,

Abstract Linear Algebra, Data Structures, Web Programming

EXAMPLE WORK:

- Image Compression Software | Fall 2014
 - · Designed and implemented image compression software
- Universal Machine | Fall 2014
 - Designed and implemented a 32-bit segmented memory Universal Machine
- SFTP Scheduled Folder Backup Service | Fall 2014
 - · Designed and implemented a service for scheduled folder backup to a specified remote server

personal website: brettgurman.com