Brett Gurman

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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 | 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.github.io