# Hugh Cunningham

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**EDUCATION**

**Master of Science, Computer Science**, graduated June 2015
Stanford University, Stanford, CA
GPA: 3.5/4.0

**Bachelor of Science, Computer Science**, graduated January 2014
Stanford University, Stanford, CA
GPA: 3.5/4.0

**EXPERIENCE**

**Teaching Assistant**          10/2013 - 6/2015
Stanford University, Stanford, CA
- Designed exams and instructional materials, lectured, tutored, and graded students in Computer Science and Communications courses.
- Served as TA for the following courses: Digital Media Entrepreneurship, Object-Oriented Systems Design, Introduction to Computer Science, Client-side Internet Technologies, Design and Analysis of Algorithms

**Industrial Engineering Intern**          6/2011 - 9/2011
The Boeing Company, Everett, WA
- Developed linear programming model to optimize scheduling of manufacturing tasks joining the tail section to the fuselage of the 767 aircraft.

**PROJECTS**

**Robo Brain: Massive Knowledge Base for Robots**
- Built machine learning tool to detect errors in a massive relational knowledge graph for robotics applications.
- Wrote Python code to extract features from MongoDB and Neo4j databases to construct linear models.

**Incorporating Social Context into Sentiment Classification**
- Designed min-cut-based model to combine information from social networks with natural language features for classifying sentiment in restaurant reviews.
- Programmed SVM and linear-chain CRF models in Python leveraging open source libraries in Python and C.

**yes& News Commenting Platform**
- Built user interface for paragraph-level comments on news articles using Javascript.

**TECHNICAL SKILLS**

Python, Java, Javascript, HTML/CSS, SQL, C/C++, R, Hadoop, Matlab/Octave, LaTeX