

Jesse Goodspeed

🏠 New York, New York

🌐 <https://github.com/Jessegoodspeed>

✉ jessegoodspeed@gmail.com

🌐 [linkedin.com/in/jessegoodspeed](https://www.linkedin.com/in/jessegoodspeed)

☎ (***) ***-****

EDUCATION

Hunter College, City University of New York

BA in Computer Science; GPA: 3.77/4.00

New York, NY

June 2014 – May 2018

- **Minors:** Mathematics and Statistics
- **Notable Coursework:** Artificial Intelligence, Machine Learning, Operating Systems, Algorithms, Linear Algebra, Probability Theory, Bayesian Statistics, and Data Structures

Soka University of America

BA in Liberal Arts

Aliso Viejo, CA

Aug 2003 – May 2008

EXPERIENCE

Undergraduate Teaching Assistant

Hunter College, Department of Computer Science

New York, NY

Sept 2017 - Present

- **Communication, Leadership:** Supervised recitation labs (approx. 40 students/semester) that fostered mastery of introductory concepts and basic programming.
- **Python, C++, Unix CL:** Tutored students for topics that include programming in Python and C++, Unix commands, basic circuits, and simple machine language.

Undergraduate Research Assistant

Hunter College, Problem Solving and Machine Learning Laboratory

New York, NY

Nov 2015 - March 2018

- **Research Literature, critical thinking:** Drafted over 30 synopses of various ML research to be discussed and critiqued during lab meetings
- **Communication:** Studied and presented 6 AI conference papers to provide lab members a better understanding of current developments in the field.
- **Python:** Implemented image processing tool for experimental work in robot navigation.

Undergraduate Research Assistant

University of Massachusetts Amherst, BINDS Lab

Amherst, MA

Summer 2017

- **Deep Learning:** Researched literature on current developments with ANNs that facilitate spike-time-dependent plasticity.
- **HPC Environment:** Ran experiments to collect data, optimize hyperparameters, and evaluate model performance.
- **Data Visualization:** Plotted performance and feature learning with Matplotlib to present experimental results at weekly lab meetings

PROJECTS

Personal Chatbot

Implemented in Python

In-Progress

- Trained Recurrent Neural Network on messaging history to learn natural language responses to messages.
- Collaborating with 3 others via SCRUM methodology to make production-ready chatbot.

SKILLS

Proficient: Python, C++,
Markdown, Git, Weka

Intermediate: Common Lisp, Vim,
Matplotlib

Fresh: MATLAB, SQL, LaTeX,
TensorFlow, Django