SHREYA SHANKAR

http://www.linkedin.com/in/shrshnk • http://www.github.com/shreyashankar • http://www.shreya-shankar.com
shreya@cs.stanford.edu • (979) – 777 – 5487

EDUCATION

9/15-present **Stanford University**, Stanford, CA

- B.S. Candidate in **Computer Science** – GPA: 3.9, Expected graduation date: **June 2019**
- Relevant coursework: Mathematical Methods for Robotics and Vision (CS205A), The Algorithmic Toolbox (CS168), Computational Models of the Neocortex (CS379C), Artificial Intelligence: Principles and Techniques (CS221), Principles of Computer Systems (CS110), Deep Learning in Natural Language Processing (CS224N), Symbolic Music Notation (CS275A)

COMPUTER SKILLS

- Familiar with Java, C++, C, Python, JavaScript, LaTeX

EXPERIENCE

6/17-present **Software Engineering Intern**, Facebook, New York, NY

- Working on Facebook's civic engagement team to connect users to their government representatives

1/16-present **Section Leader/TA**, Programming Methods and Abstractions, Stanford University, Stanford, CA

- Teaching introductory Java, JavaScript, and C++ courses to a section of 12 students every quarter

9/15-present **Co-Director,** she++, Stanford, CA

- Leading a team of 25 college students and working with a board of directors to drive the vision for she++, a 501(c)(3) nonprofit that aims to make technology fields more diverse
- Ran a program to help 500 high school students start local CS education initiatives

3/17-6/17 **Research Assistant**, Department of Computer Science, Stanford University, Stanford, CA

- Implemented a deep learning-based model and sampling algorithm for fast conditional inference queries to generate drum tracks using Tensorflow

1/17-6/17 **Intern**, Signia Venture Partners, Menlo Park, CA

- Helped to source artificial intelligence technology-related deals and developed an investing point-of-view for natural language processing in the industry

6/16-9/16 **Engineering Practicum Intern**, Google, Mountain View, CA

- Collaborated with a team of Googlers to build Street View tools for Google Maps

PROJECTS

4/17-6/17 **Graph Convolutional Networks for Fly Connectome Data**

- Implemented a graph convolutional network to predict functions of fruit fly neurons given only their structural information

1/17-4/17 **Identifying Biased-Induced Sentences in News Articles**

- Wrote a convolutional neural network to predict the news provider given an article's text and a bidirectional recurrent neural network to identify sentences explaining the classifier's predictions

9/16-12/16 **Optimizing Stanford's Cooling Expenditures**

- Developed a machine learning framework to predict electricity prices and building electrical loads
- Implemented a Markov Decision Process to optimize Stanford's air conditioning costs

ADDITIONAL INTERESTS

9/16-5/17 **Section Instructor**, CS+Social Good, Stanford, CA

- Co-taught CS106S, a course that introduces beginners to using technology for social good

4/16-5/17 **Financial Officer**, TreeHacks, Stanford, CA

- Managed a $300,000 budget to host Stanford's annual hackathon for a thousand international students

8/11-5/15 **A&M Consolidated Varsity Swim Team,** College Station, TX

8/11-5/15 **A&M Consolidated Varsity Orchestra,** College Station, TX