CAMERON SUN

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I am looking for full-time and internship software engineering positions in robotics, computer vision, or other related fields.
I am available to start any time after my graduation in December 2017.

EDUCATION

Northeastern University,
B.S. in Computer Science

September 2013 to December 2017
National Merit Scholar
3.8/4.0 GPA - Dean's List

INTERESTS

Robotics
Computer Vision
Machine Learning
Rock Climbing

WORK

Piaggio Fast Forward, Software Engineering Co-op

January 2017 to July 2017
Boston, MA

- Wrote and optimized ROS software pertaining to control and dynamics of a self-balancing mobile robot. (ROS, Python, C++)
- Spearheaded the creation of an accurate robot simulation, improving developer workflow by removing dependencies on physical robots for testing purposes. (ROS, Gazebo, Python)
- Worked on various other programs for the robot, including a visual tracking algorithm, a prototype of the robot user interface, and many others. (Python, JavaScript, OpenCV)

Google, Software Engineering Co-op

January 2016 to July 2016
Mountain View, CA

- Created software for identifying the root causes of automated test breakages in ads backend systems. (Python)
- Designed and developed a framework for logging loadtest performance data from ad servers. (Python)
- Built a dashboard used for graphing and analyzing historical trends in loadtest performance data. (Python, AngularJS)

Seagate Technology, Software Engineering Intern

June 2014 to September 2014
San Francisco, CA

- Redesigned and rewrote billing software used by the enterprise cloud storage platform. (Python)
- Tested components and deployed bugfixes to production.

PROJECTS

Amazon Land Use Prediction

Used convolutional neural networks to predict land usage in the Amazon based on satellite images. - June 2017

Natural Language Processing Research

Prototyped a system that learns to associate English sentences with relevant source code snippets. - July 2016 to September 2016

Graavity

Took a real-time local news app from idea to launch (with no prior app development experience) in four months. - December 2014 to May 2015

LEADERSHIP

Northeastern University Climbing Team

Men's Team Captain - April 2016 to September 2017

Northeastern University Association of Computing Machinery

Vice President - March 2015 to March 2017
Treasurer - March 2014 to March 2015