Fletcher Woodruff

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Education　**Carnegie Mellon University**, Pittsburgh, PA
Bachelor of Science in Computer Science – Expected May 2018
- Minor in Robotics
- GPA: 4.0/4.0
- Dean's List: Fall 2014 – Spring 2016

Experience　**Jump Trading**, Chicago, IL
Software Engineer Intern – Summer 2017
- Built fault-tolerant order handling system for automated trading platform in C++.
- Created lookup table with sub-microsecond latency for trading application.
- Implemented real-time monitoring code for trading applications to track errors.

Facebook, New York, NY
Software Engineer Intern – Summer 2016
- Added tracking for battery usage and related metrics in multiple iOS apps.
- Created dashboard for battery metrics to display collected data and trends.

Facebook, Menlo Park, CA
Facebook University Engineer Intern – Summer 2015
- Wrote iOS app in small team for students to share class notes and study materials.

InsideSocial, Seattle, WA
Software Engineer Intern – Summer 2014
- Built JavaScript charts to help customers visualize sales for their business.
- Automated image-database update process, saving company two hours per week.

Skills　Proficient in: Python, C++, C, Java, OCaml, Objective C
Frameworks/Tools: Git, Mercurial, Boost, NumPy

Projects　Lando – Compiler for subset of C to 64-bit assembly and LLVM written in OCaml.
QuadcopterIS – C++ flight-controller for a custom-built quadcopter.

Leadership

Vice President, Phi Delta Theta Fraternity, CMU Chapter	Jan. 2016 - Dec. 2016
Teaching Assistant, 15-122 Intro to C Programming	Fall 2015, Spring 2016
Peer Tutor, 15-251 Intro to Discrete Math for CS	Spring 2015
Eagle Scout	

Achievements　5th out of 26 teams at Google Games 2016
8th out of 27 teams at Google Games 2015 (all-freshmen team)
11th out of over 2000 teams worldwide in HSCTF 2014 (security competition)
11th out of over 400,000 global competitors in Dropbox's Dropquest 2012