<alex_cordonnier>

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<education>

**Bachelor of Science in CS,
University of Illinois at Urbana-Champaign**

GPA: 3.61
Graduation: May 2017
James Scholar Honors Program: Fall '13 to present
Dean's List: Spring '14, Fall '14

<skills>

- C, C++
- HTML, CSS, JavaScript, jQuery
- Java
- Git, SVN, TFS

<experience>

Jan 2015 – present: Undergraduate TA at University of Illinois

- Teach two labs and a discussion in CS 233 (Computer Architecture)
- Previously taught six labs and helped write I/O interface for end-of-semester contest

May 2015 – Aug 2015: Software Engineering Intern at Apple

- Ported a software DMA coprocessor to run on an off-the-shelf RTOS instead of its original firmware

Sep 2014 – Jan 2015: Web Development Intern at Midmark

- Developed new HTML5 design tool web app

May 2014 – Aug 2014: Software Engineering Co-op at Midmark

- Developed initialization & hardware interface code for a new PCB
- Wrote unit tests and test protocols to verify new software releases

May 2013 – May 2014: E-Marketing Intern at Midmark

- Rewrote 3 Flash-based web apps in HTML5, including mobile integration
- Developed new HTML5 web app

<projects>

DMX-84: running theater lights from a calculator (C++, Arduino)

- Built device to enable graphing calculators to program and run theater & DJ lights
- Featured on hackaday.com on Aug 3, 2014

Launchpage: a home screen for Google Chrome (HTML, JS, CSS)

- Developed Google Chrome extension that replaces new tab page with a home screen
- Key features: very fast, customizable backgrounds, adaptive color scheme algorithm
- Featured on makeuseof.com on Sep 11, 2013