

# <alex\_cordonnier>

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## <education>

### **B.Sc. in Computer Science, University of Illinois at Urbana-Champaign**

GPA: 3.62

Graduation: May 2017

James Scholar Honors Program: Fall '13 to present

Dean's List: Spring '14, Fall '14, Spring '16

## <skills>

- C, C++
- Python
- HTML, CSS, JS, jQuery
- PHP, MySQL
- Git, SVN, TFS
- More at alexcordonnier.com

## <experience>

### **May 2016 – Aug 2016: Software Engineering Intern at Apple**

- Developed significant portions of the secure boot ROM for a new SoC architecture

### **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

### **Jan 2015 – present: Course Assistant at University of Illinois**

- Teach one lab and hold office hours in CS 233 (Computer Architecture)
- Previously have taught 8 labs & a discussion, proctored, and helped develop semester contest

### **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