

# <alex\_cordonnier>

alexjcord@gmail.com • (937) 564-0234 • alexcordonnier.com

## <education>

### **B.S. in Computer Science, 2017** **University of Illinois at Urbana-Champaign**

GPA: 3.66

James Scholar

Dean's List: Spring '14, Fall '14, Spring '16 – Spring '17

## <skills>

- C, C++
- Various assembly languages
- Python
- HTML, CSS, JS, jQuery
- PHP, MySQL
- Git
- More: alexcordonnier.com

## <experience>

### **Apple**

#### **July 2017 – present: Core OS Engineer**

- Bring up new embedded devices & platforms, including iPhone, iPad, Apple Watch, & others

#### **May 2016 – Aug 2016: Core OS Intern**

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

#### **May 2015 – Aug 2015: Core OS Intern**

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

### **University of Illinois**

#### **Jan 2015 – May 2017: Course Assistant**

- Taught 11 labs & a discussion, proctored, and helped develop semester contest

### **Midmark**

#### **Sep 2014 – Jan 2015: Web Development Intern**

- Developed new HTML5 design tool web app

#### **May 2014 – Aug 2014: Software Engineering Co-op**

- 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**

- 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