<alex_cordonnier>

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<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, Fall '16, Spring '17

<skills>

- C, C++
- Python
- HTML, CSS, JS, jQuery
- PHP, MySQL
- Git, SVN, TFS
- 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 coprocessor 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