

## <alex\_cordonnier>

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### <skills>

- HTML, JavaScript, CSS — advanced
- jQuery — intermediate
- Java — intermediate
- C — intermediate
- PHP — basic
- VB.NET/VBA — basic

### <education>

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

Graduation: May 2017 — GPA: 3.55 of 4.00

James Scholar Honors Program: Fall '13 to present, Dean's List: Spring '14

### <experience>

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

- Developed initialization & hardware interface code for a new PC board
- Created macros to automatically update SharePoint, saving 7 person-hours per year
- Fixed longstanding bugs and refactored code in USB interface board
- Wrote unit tests and test protocols to verify new software releases
- Wrote documentation for a complex product collaboratively with a subsidiary

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

- Developed HTML5 versions of 3 Flash color selectors, including deep mobile integration
- Developed new color selector from scratch, especially for use at tradeshows
- Developed HTML5 versions of 3 interactive Flash banners for mobile support
- Made media-rich promotional website available offline for sales representatives' tablets

### <projects>

#### **DMX-84: programming theater lights from a calculator (Arduino, C/C++)**

- Built device to enable graphing calculators to program and run theater & DJ lights
- Project cost \$50, compared to \$170 for commercial PC equivalent
- Featured on hackaday.com on Aug 3, 2014

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

- 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