

ELLIOTT WILLIAMS

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Objective

Software engineering internship during Summer 2017. Seeking full-time employment in 2018.

Education

Purdue University

B.S. Computer Science
Minor in Philosophy
GPA 3.68 / 4.0 (Major GPA 3.93)


2014 83% COMPLETE CLASS OF 2018


Relevant Coursework


Operating Systems, Compilers, Networking, Algorithms, Computer Architecture, Systems Programming, Ethics & Philosophy of Information

Selected Projects

 **Transious (2015-16, iOS/Swift)**
Public transit platform for students and commuters everywhere. Launching Fall 2016. <transio.us> and <github.com/proper shark>

 **OpenMRS ID (2012-2014, Node)**
A platform for thousands of contributors to manage their community profile.

 **Mumbletune (2013, Ruby)**
A community jukebox built from the Spotify API, audio algorithms and a VOIP platform.

 **Tempo (2015, Android)**
Your music, in sync with your step. Spotify announced a similar feature a month later.

Selected Honors & Awards

CS Academic Scholarship (2015)
Selected by CS faculty and presented by The Boeing Company.

National Constitutional Law Champion (2014)

“We the People” civic ed. program
Political philosophy specialization.

OpenMRS and Google Scholarships (2014)

Kenya travel funding and Google Summer of Code Mentors’ Summit.

Industry Experience

Yelp Inc., San Fransisco <yelp.com> Software Engineering Intern (2015)

- Full-stack web development (Platform, Transaction Growth).
- Implemented ways to improve online ordering experience.
- Refactored error-handing API across Yelp ecosystem.
- Built a superior error experience, improving goal conversion.

GROUPER Laboratory, Purdue <grouperlab.org> UX & Human Factors Research Intern (2016)

- Independent research on how medium-size organizations structure, publish, and share information.
- Writing conference paper on reducing friction between UX & software engineers. Pending submission to HFES.
- Case studies of the websites of a research group and a NASA program within Indiana.

OpenMRS <openmrs.org> Identity Systems Manager (Intern 2010-13, FT 2014)

- Full-stack developer and web infrastructure specialist for an open-source healthcare platform used in over 50 countries.
- Launched a user management project that has changed hands, stayed maintained, and attracted contributors.
- Mentored and advised university-age students through Google Summer of Code, while I was in high school.
- Ideated and built tools for community engagement.

Interest Matrix (I’m somewhere in the middle)

	PRODUCT	
	Usability UX engineering Information design	Native app development Interface programming Productivity tools
PEOPLE	—	SOFTWARE
	Infrastructure Privacy advocacy Community building	Backend frameworks Language & API design Operating systems
	ECOSYSTEM	

Languages I Like

Proficiency: C, JavaScript, Python, Swift (and English)
Familiarity: C++, Java, Objective-C, Ruby
Would love to learn: Elixir, Go, Haskell, Rust, Scala

Fun Fact

I’m a barista and manager at a specialty coffeeshop in town. ☕