

# KYLE J. SUMMERS

c/o Michigan Hackers, Pierpont Commons, 2101 Bonisteel Blvd, Ann Arbor, MI 48109-2090  
kjs@kylejsummers.com ♦ kylejsummers.com

**EDUCATION** **University of Michigan, Ann Arbor** **Expected December 2014**

- ♦ B.S.E. Computer Science, Spanish minor
- ♦ EECS 388: Intro to Comp Security (A+), EECS 485: Web Databases & Information Systems (A-)

**EXPERIENCE** **Software Engineering Intern, Barracuda Networks** **Summer 2012, Summer 2013 – Present**

- ♦ Built system to record, aggregate, and display performance metrics, leveraging Cassandra as the datastore; developed JavaScript browser-based app for analysis of real-time data
- ♦ Took charge of the development of features in the UI for the Spam and Anti-Virus Firewall within an agile development workflow with other Software and QA engineers

**Webmaster, U-M Central Student Government** **May 2010 – Present**

- ♦ Developed online reservation system for student airport transit, saving organization an estimated \$7–10k per year in ticketing fees; served 4,900+ customers in its first semester
- ♦ Built online petition system to facilitate campus activism, attracting 50+ petitions and 20,000+ users over 3 years
- ♦ Leveraged University's SSO and LDAP services for authentication and authorization

**Research Assistant, University of Michigan - School of Information** **Summer 2011**

- ♦ Created a Firefox extension that embeds an overlaid UI into Twitter DOM through which users may identify, respond to, and flag tweets that appear to be political rumors
- ♦ Built a backend system to compile a corpus of data using the Twitter Streaming API

**Research Assistant, University of Michigan - EECS Department** **May 2010 – May 2011**

- ♦ Developed hardware-agnostic student response system on a LAMP architecture that accepts responses via browser-based apps, mobile apps, or SMS
- ♦ Collaborated on development of an API to interface with native mobile apps

**Freelance Web Developer** **2004 – 2009**

- ♦ Projects included file storage solution, site builder tool, employee testing environment

**SKILLS** Programming languages: JavaScript, C++, C, PHP, Python, HTML, CSS  
Technologies: Apache, Cassandra, Git, Linux, Mac OS X, MySQL, Nginx, Node.js, SVN  
Natural languages: English (native speaker), Spanish (intermediate-high proficiency)

**ACTIVITIES** **Michigan Hackers** **April 2012 – Present**

- ♦ Co-founded organization in April 2012, served as VP of Operations until January 2013
- ♦ Organization fostered hacker culture at U-M, attracting a following of 1,000+
- ♦ Hosted MHacks, the largest student-run hackathon in the U.S.

**U-M Central Student Government** **September 2009 – March 2012**

- ♦ Appointed Chief of Staff, April 2011 – March 2012
- ♦ Elected representative for the College of Engineering, November 2009 – April 2011

**AWARDS** 1st Place Team, Imo Hackathon, January 2013  
1st Place Team, Facebook Camp Hackathon, April 2011  
Engineering Scholarship of Honor (4 years)

**PUBLICATIONS** Lapp, M., Ringenberg, J., *Summers, K. J.*, Chivukula, A. S., and Fleszar, J. The Mobile Participation System: Not Just Another Clicker. 118th ASEE Annual Conference & Exposition.