

KYLE SMITH

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ksmith.io

EXPERIENCE

HARDWARE TEST ENGINEER CISCO

JUNE 2012 - DECEMBER 2012

Developed and documented hardware stress tests with the ASR9000 Router team in San Jose, CA. Tests were written in TCL + Expect and hooked into Cisco's proprietary CTE software base to interact with actual hardware running IOS XR and ROMMON.

WEB DEVELOPER THE UNIVERSITY OF MICHIGAN-DEARBORN

2010 - 2012

Lead developer for Communications & Marketing. Responsible for fulfilling feature requests and bug fixes for the entire university (umd.umich.edu). Headed development on many internal tools and facilitated campaign-centric microsites for various other departments and student organizations.

ITS INTERN BLUE CROSS BLUE SHIELD OF MICHIGAN

SUMMER 2011

Collaborated with the Detroit Inter-Plan Teleprocessing Services (ITS) team and developed a mainframe (z/OS) maintenance utility to locate locked code fragments that have been checked out of the version control system and never released. Employed CLISTS, JCL, SAS, and ISPF Panels to build the utility and wrote an internal guide on the techniques used to ease future SAS integration.

IT INTERN WAYNE COUNTY COMMUNITY COLLEGE DISTRICT

2009 - 2011

Quickly advanced from working the help desk to innovate and streamline various IT projects including the development of a new workstation imaging process, the facilitation of internal training bootcamps, and the migration of the entire college district to Google Apps for Education.

EDUCATION

UNIVERSITY OF MICHIGAN-ANN ARBOR COLLEGE OF ENGINEERING

B.S.E. IN COMPUTER ENGINEERING

UNIVERSITY OF MICHIGAN-DEARBORN

B.S.E. DOUBLE MAJORING IN COMPUTER AND ELECTRICAL ENGINEERING

TAU BETA PI, MICHIGAN IOTA CHAPTER

SKILL SET

EMBEDDED C C++ HTML5 CSS3 CANVAS JAVASCRIPT NODE PHP RUBY
TCL + EXPECT GIT LINUX ADMIN PHOTOSHOP CS5

Kyle Smith
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Experience

* ### Hardware Test Engineer
* Cisco
* June 2012 - December 2012

Developed and documented hardware stress tests with the ASR9000 Router team in San Jose, CA. Tests were written in TCL + Expect and hooked into Cisco's proprietary CTE software base to interact with actual hardware running IOS XR and ROMMON.

* ### Web Developer
* The University of Michigan-Dearborn
* 2010 - 2012

Lead developer for Communications & Marketing. Responsible for fulfilling feature requests and bug fixes for the entire university ([umd.umich.edu]). Headed development on many internal tools and facilitated campaign-centric microsites for various other departments and student organizations.

* ### ITS Intern
* Blue Cross Blue Shield of Michigan
* Summer 2011

Collaborated with the Detroit Inter-Plan Teleprocessing Services (ITS) team and developed a mainframe (z/OS) maintenance utility to locate locked code fragments that have been checked out of the version control system and never released. Employed CLISTS, JCL, SAS, and ISPF Panels to build the utility and wrote an internal guide on the techniques used to ease future SAS integration.

* ### IT Intern
* Wayne County Community College District
* 2009 - 2011

Quickly advanced from working the help desk to innovate and streamline various IT projects including the development of a new workstation imaging process, the facilitation of internal training bootcamps, and the migration of the entire college district to Google Apps for Education.

Education

1. University of Michigan-Ann Arbor _College of Engineering_
* B.S.E. in Computer Engineering
2. University of Michigan-Dearborn
* B.S.E. Double Majoring in Computer and Electrical Engineering
* Tau Beta Pi, Michigan Iota Chapter

Skill Set

- Embedded C
- C++
- HTML5
- CSS3
- Canvas
- JavaScript
- Node
- PHP
- Ruby
- TCL + Expect
- Git
- Linux Admin
- Photoshop CS5

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