

Luke A. Parham

CAMPUS:

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PERMANENT:

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OBJECTIVE: An internship to continue developing skills in Computer Science and Software Engineering

SUMMARY:

- Pursuing Bachelor's Degrees in Information Technology and Computer Science
- Dean's List Student
- Graduating with Honors
- **Languages (most to least used):** JavaScript, C, PHP, Ruby, Java, PL/SQL, Objective-C **Also:** HTML, CSS, JSON, XML
- **Teaching Experience:** Database Applications and Information Systems
- **Skills:** Rails, JQuery, AJAX, Jasmine Testing, and Japanese Language
- **Database Systems:** MySQL, Oracle, SQLite3
- **Software Packages:** Adobe Photoshop, InDesign, and Premiere
- **Version Control:** Git, SVN

EDUCATION: **Bachelor of Science in Information Technology, December 2013**
Bachelor of Science in Computer Science, December 2013
Minor in International Studies-East Asia Studies, December 2013

- University of Missouri – Columbia, Columbia, MO
- Cumulative GPA 3.56 on a 4.0 scale

INTERNSHIPS: **Cerner Software Engineer, Began Summer 2011**

- **Languages:** JavaScript, CCL (proprietary query language), HTML, CSS
- **Projects:**
 - Added functionality to Patient Lists that doctors use
 - Mobile Nursing iPhone application using Sencha Touch Framework
 - Grace ACS Risk Calculator for patients admitted with heart conditions
 - Asthma tracker iPhone application
- **Version control:** SVN
- **Project Management:** VersionOne
- **Software Development Method:** Scrum

PROJECTS:

- **Capstone:** iPhone Application to control robot using Python XML-RPC server via AJAX requests and Player/Stage Robotics Library
- **ChickenChasing.com** : A web application to connect farmers and their customers done using Ruby on Rails with a SQLite3 database
- **Redi Entrepreneurship iPhone Application:** A small business walkthrough for companies based in Columbia, Missouri. (Objective-C)
- **Shell:** Implemented my own fully functional shell in C
- **CS 3380 Class Website:** A Rails app for use in the Database class at Mizzou

- **TigerTech Adventures** : a mock website for reserving and tracking adventure outing reservations with PHP and MySQL done in a group of five people
- **Database Systems:** An airline flight reservation system built with PHP and an Oracle database in a group of three people

OTHER EXPERIENCE:

Teaching Assistant, 2011 Fall Semester

- **Course:** Database Applications and Information Systems
- **Languages:** JavaScript, PHP, PL/SQL, HTML, CSS
- **Databases:** Oracle, MySQL
- **Duties:** Write and grade labs, Teach lab sections

Undergraduate Honors Research

- **Studied:** Web Development and Engineering
 - Included research into Software as a Service Methods involving Web Design, Frameworks, Database Implementation, RESTful interfaces, Cloud Deployment, and Monetization options
- **Advisor:** Dr. Dale Musser, Director of Information Technology at Mizzou

Start-Up Weekend

- Worked with the AddSheet team to create Foodfight.com
 - Rails application with Twitter and Twilio integration for allowing online food orders with discounts based on tweeting and automated phone calls to the restaurant with order details
- Implemented Twitter integration via Twitter and OAuth gems and did some CSS

- ACTIVITIES:**
- Association for Computing Machines, Student Chapter, 2010
 - Game Design Club, Division of ACM, 2010
 - Christian Campus House, 2008-2012
 - Volunteer and Attendee at Strange Loop 2011 Conference in St. Louis
 - Como Rich Web Group (also presented on Startup Weekend experience)

- SERVICE:**
- Helping Hands (Helping one person in the community each week) 2 semesters
 - Nursing Home (Visiting with and helping the elderly each week) 1 semester
 - Love Inc. (Delivering Furniture to those in need) 3 semesters
 - Intersection (Inner-city children's ministry) 1 semester
 - Prison Ministry 1 Semester

- WORK:**
- Cerner (05/11–Now)
 - Aero Metals (05/10 - 08/10)
 - Ellis Library Security (08/09 – 05/11)
 - Consumer Adjustment Company Inc. (05/09 - 08/09)
 - Campus Dining Services (01/09 - 05/09)
 - Wal-Mart (05/08 – 08/08)
 - Café Breve (10/07 – 08/08)
 - GameStop (10/06 – 01/07)
 - Sonic Drive-In (05/06 – 10/06)

