**Luke A. Parham**

**Campus:**

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**SUMMARY:** **Pursuing Bachelor’s Degrees in Computer Science and Information Technology**

• Graduating with Honors as well as being on the Dean’s List each semester

• **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, SQLite, PostGreSQL

• **Version Control:** Git, Subversion

• **Software Packages:** Adobe Photoshop, InDesign and Premiere, Blender, jMonkey

**EDUCATION:** **Bachelor of Science in Information Technology, December 2013**

**Bachelor of Science in Computer Science, December 2013**

• University of Missouri – Columbia

• Cumulative **GPA 3.58** on a 4.0 scale

*In major:* **3.77**

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

• **Languages:** JavaScript, CCL (proprietary language), HTML, CSS

• **Projects:**

- Added functionality to Patient List module

- Mobile Nursing iPhone application using Sencha Touch Framework

- Grace ACS Risk Calculator for patients admitted with heart conditions

• **Version control:** SVN

• **Project Management:** VersionOne

• **Software Development Method:** Scrum

**RESEARCH**: **Washington University REU:**

* **Advisor:** Dr. Jonathan Turner
* **Project:** The Forest Overlay Network
  + Participated in the development and testing of the Forest network in implementing large-scale virtual worlds

**Undergraduate Honors Research:**

- **Advisor:** Dr. Dale Musser, Director of Information Technology at MU

- **Studied**: Web Development and Engineering

* Included research into Software as a Service methods including Web Design, Frameworks, Database Implementations, RESTful interfaces, Cloud Deployment and Unit Testing

**EXPERIENCE: Teaching Assistant**

**- Course:** Database Applications and Information Systems

**- Languages:** PHP, PL/SQL, HTML, CSS

**- Databases:** Oracle, MySQL

**- Duties:** Write and grade labs, Teach lab sections

**Start-Up Weekend:**

• Worked with the AddSheet team to create Foodfight.com in three days

* 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

**PROJECTS:** • **Capstone:** iPhone Application to control Corobot using Python XML-RPC server via AJAX requests and Player/Stage Robotics Library

• **ChickenChasing.com**: A web application to connect farmers and their customers. Written in Ruby on Rails with a PostGres database

• **REDI Entrepreneurship iPhone Application:** A small business walkthrough for companies based in Columbia, Missouri. (Objective-C)

• **Shell:** Implemented a 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

**ACTIVITIES:** • Association for Computing Machines, Student Chapter, 2010

• Game Design Club, Division of ACM, 2010

• Foundation for Economic Education Alumni, 2011

• Christian Campus House, 2008-2012

• Volunteer and Attendee at Strange Loop 2011 Conference in St. Louis

• Como Rich Web Group (presenter and attendee)

**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