

Paul Jacob Lucas

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Objective

I am seeking a challenging career in the field of computer science that utilizes my software development, engineering, business and marketing skills.

Education

University of Michigan, *Bachelor of Science in Engineering in Computer Science*

August 2014

Relevant Courses: Data Structures and Algorithms(C++), Microprocessors and Toys(Assembly), Database Management Systems(SQL), Cryptography(C++), Network Security(Python), Introduction to Artificial Intelligence(C++), User Interface Development (QT and Android) and Mobile App Development(Android)

Experience

Capital One — *Richmond, Virginia and Rolling Meadows, Illinois*

Summer 2013 and Summer 2014

- Created a proof of concept Force.com recruiting application integrating the Facebook Graph API
- Coded a module in Strategy Design Studio for Capital One's credit decisioning that is in production for two separate retailers while also using IBM mainframe for testing of the module
- Completed an Agile training course and worked on two Agile teams, one Kanban and the other Scrum

Lucas Applications — *East Lansing and Ann Arbor, Michigan*

September 2010 – Present

- Formed the company *Lucas Applications* after developing and publishing an application called *Text Bomber* and published it on the Android Market while advertising it on Facebook
- *Text Bomber* received ~1000 purchases and ~7500 free downloads before being removed from the Android Market due to Google's Terms of Service
- Constructed an application called *Remoto* as a proof of concept and submitted it to the Android Market in February 2011; *Remoto* has been downloaded ~800 times
- Created a game called *Stock Stalkers* in 2013 that utilizes Twitter data to create "stocks" based on what is currently popular in social media and allows players to buy and sell these stocks to increase their net worth
- Developed a mobile website for the Mpowered Entrepreneurship group

Visteon Corporation — *Van Buren Township, Michigan*

Summer 2011 – Fall 2012

- Developed, tested, and presented a proof of concept application on Android for Ford
 - Because of the proof of concept, Visteon and Ford are now collaborating on putting a refined version of the application into upcoming Ford vehicles
- Filed a patent under my name for a technology that could be used in future automobiles
- Created a driving simulation in the game engine Unity to help present new car communication technology

Arbor Cube — *Ann Arbor, Michigan*

Fall 2011 – Fall 2013

- Lead Programmer working on an undisclosed project that has 3 patents filed for it
- Created a virtual reality application with Unity to help present a product titled "iBuKu Pets" to investors

Wireless Developer Agency (WDA) - *East Lansing, MI*

Spring and Summer 2010

- Converted previous art held by WDA into themes for AT&T Blackberry, Nokia and Android devices
- Overlooked projects involving creating icons and artwork for current and future theme projects

Technology Summary

Operating Systems: Windows, Mac OS, Ubuntu, Red Hat Linux, and Kali Linux

Languages: C++, Java, Android, QT, Assembly (MIPS and LC-2K), C#, Python, Apex, VisualForce and Matlab

Coding Environments: Eclipse, Unity, QT Creator, Force.com and Visual Studio

Leadership and Activities

Michigan Hackers Member Fall 2012-Winter 2014

Mpowered Entrepreneurship Group Tech Team Fall 2011-Fall 2012

Yahoo! 2010 Hack-U Competition, Mobile Division Runner Up and HackNY 2012 Contestant

Lead Singer and Guitarist of two bands who have played 3 charity events around Ann Arbor Fall 2012-Present

Haslett High School Tennis: Captain 2008-2009 and 2009-2010 seasons