Michael Clayton

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OBJECTIVE:

To offer my problem solving skills and software development knowledge on an internship basis for the summer of 2014.

EDUCATION:

Bachelor of Science in Computer Science
Purdue University, West Lafayette, IN
Cumulative GPA: 3.72/4.0
Dean's List & Semester Honors: Spring 2012 – Spring 2013
Expected graduation – Fall 2014

SKILLS:

Languages: *Java, Scala, C, JavaScript, HTML, CSS, BASIC, GML*
   - *Interested in learning Python, Ruby, C#, and C++*
Platforms: *MS Windows, MacOS, Web, Linux, Unix, Android*
Other: *Twitter Bootstrap, JQuery, JSON, Git, Apache Zookeeper, Android Development, Eclipse*

SELECT PROJECT EXPERIENCE:

ACADEMIC:

Mock High-frequency Trading Program   Oct. 17, 2012 – Nov. 4, 2012
   - Developed a program that reads a list of stock orders and operations from a text or binary file, processes the orders, calculates the 'inside quote' for given intervals, and outputs the data to an "order book" text file using C.

Concurrent Equation Notation Convertor   April 12, 2012 – April 26, 2012
   - Implemented multiple threads and binary trees to convert equations between infix, prefix, and postfix notation using Java.

HOBBY:

BlockWords   May 11, 2013 – May 27, 2013
   - Developed an addicting grid-based word game for Android phones, which boasts a backtracking puzzle-generating algorithm; polished graphics; and challenging gameplay.

Stock Market Tracker   March 5, 2013 – March 18, 2013
   - Created a program that scrapes data from Google finance, monitors it, and records figures such as extreme highs and lows of stocks prices to a text file.

ACTIVITIES AND LEADERSHIP:

Purdue ACM SIGAPP (Application Development) Member   Sept. 4, 2012 – Present

RELEVANT EXPERIENCE:

ExactTarget, a salesforce.com company   May 28, 2013 – Aug. 9, 2013
Core Engineering Intern   Indianapolis, Indiana
   - Developed a sleek web dashboard that enables real-time ExactTarget server monitoring.
   - Created a RESTful API, in Scala, to expose server data and functionality to the UI.
   - Leveraged JavaScript, HTML, CSS, JQuery, and ExactTarget's Fuel UX (extends Bootstrap) to create a rich and intuitive user interface.