

# Michael Clayton

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## Campus Address:

415 Evergreen St.  
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## Permanent Address:

311 North 1100 East  
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## OBJECTIVE:

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

## EDUCATION:

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### 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:

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**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:

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### 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:

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Purdue ACM SIGAPP (Application Development) Member

Sept. 4, 2012 – Present

## RELEVANT EXPERIENCE:

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*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.