

# BENJAMIN L. OVERHOLTS

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## Permanent Address

6092 Woodview Lane  
Zionsville, PA 18092

## School Address

6903 Preinkert Drive  
Apt. 5604D  
College Park, MD 20742

## Education

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University of Maryland, College Park  
College of Computer, Mathematical, & Natural Sciences  
*Bachelor of Science, Computer Science*  
Honors College, Digital Cultures and Creativity Program

Expected: May 2016  
GPA: 3.73

**Relevant Coursework:** Discrete Structures, Organization of Programming Languages, Algorithms,  
Computer and Network Security, Computer Systems Architecture, Compilers

## Skills

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**Languages:** Java, C, Python, Ruby, PHP, OCaml, Groovy  
**Toolkit:** XAMPP/LAMP, Git, Selenium, Geb, UNIX and Windows environments

## Employment

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**IBM** Wayne, PA  
*QA Automation Intern* May 2014 - Aug 2014

- Created page/object abstractions and wrote Groovy scripts to automate regression testing
- Used SoapUI to test both RESTful and WSDL/SOAP based back-end web services, with Groovy scripts to analyze and verify data
- Integrated JDBC support into the existing testing framework to run queries from within test scripts

## Experience

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**Firefinch Capital** Boston, MA  
*Software Developer* Aug 2014 - Present

- Developed a proprietary algorithmic trading platform for cryptocurrency trading pairs - USD/BTC, etc.
- Planned and designed project specifications to meet long term goals for expansion and reliability
- Wrote Java interfaces utilizing Apache's HttpClient for authenticated API calls to currency exchanges
- Implemented data structures for retrieving and tracking arbitrary amounts of financial data
- Leveraged polymorphism to make trading algorithm and target exchange modular

**LAN Academy** Boston, MA  
*Software Developer* Sept 2013 - Jan 2014

- Worked to develop iterations of a flat file learning management system designed for easy deployment
- Wrote strictly back end code (file scraping, page content generation, quiz/test functionality)
- Coded mostly in PHP using XAMPP and GitHub for development

## Awards & Activities

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**Honors and Awards:** Alpha Lambda Delta National Honor Society for First-Year Students, Dean's List Fall 2012, Fall 2013, Spring 2014, University of Maryland President's Scholarship, HackPrinceton Fall 2014 Award Winner, Best Use of Yo API

**Extracurricular Activities:** University of Maryland Club Swim Team, Alumni Volunteer for FIRST Tech Challenge PA Regional Qualifier Competition