

BENJAMIN L. OVERHOLTS

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Permanent Address

6092 Woodview Lane
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School Address

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

Education

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

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

Employment

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

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

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

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