

Curtis Larson

EDUCATION

University of Richmond

Richmond, VA

- Computer Science Major & Mathematics Minor
- ACM Member

EXPERIENCE

Bloomberg L.P.

New York, NY

Software Developer

July 2014-Present

- Maintained and improved unstructured data parsing software to provide increased transparency in fixed income markets.
- Revamped portions of a legacy codebase to reduce compile time by over 70%.
- Added profiling metrics to identify and fix inefficient code paths.
- Built static analysis tools to enforce coding standards and good practices.
- Researched, benchmarked, and deployed Redis and Cassandra clusters to store statistics on millions of daily messages.

Bloomberg L.P.

New York, NY

Software Infrastructure Developer

June 2013-July 2014

- Design and develop diagnostic and monitoring software for a large scale application platform.
- Created issue reporting and tracking system which aggregated large amounts of user data to help reduce application & infrastructure crashes over 90%.
- Daily use of JavaScript (node.js like), C++, and other proprietary technologies.

Bloomberg L.P.

New York, NY

Financial Software Development Intern

May 2012-August 2012

- Created an internal SpiderMonkey JavaScript debugger using C++, C#, and other proprietary technology.

University of Richmond

Richmond, VA

Research Assistant

May 2011-July 2011 / January 2012-March 2012

- Detection and analysis of malicious javascript using custom built tools
- Helped build Android examples and sample projects for an introduction to computing class.

Easton Utilities

Easton, MD

Software Engineer

May 2010-August 2010

- Designed and developed an internal customer management page and oil hedging application.
- Worked with C#, ASP.NET, MSSQL, and SQL Reporting Services.

ACTIVITIES

Android Application Developer

- "Hands Free Music" - searches your phone library and YouTube for music and plays via voice command
- "CrowdSource" - Location based social networking application focused on group discussion of location specific information.
- "GIFDroid" - Video to GIF converter with heavy focus on sharing via social networks.
- "Brian" - Mobile penetration testing platform.

Web & Desktop Application Developer

- Experience building websites with C# & ASP.Net, Drupal, Wordpress, and basic HTML/CSS.
- Built several small personal websites using the MEAN.io and meteor stacks.
- Used C# to built multiple utility and media desktop applications for free distribution on the Internet.

Arduino

- Working with the Arduino platform to create fun projects with a focus on home automation.

YouTube Partner

- Member of the YouTube Partnership Program with a focus on programming and computer related tutorials.

SKILLS & INTERESTS

- Proficient in C++, C#, Java, JavaScript (node.js, Meteorjs), and Python.
- Proficient with MySQL, Redis, Cassandra, Hadoop/HBase, and Spark.
- Familiar with MongoDB, Angular, Express, bootstrap
- Enjoy quickly learning new technologies and producing results fast.