

Curtis Larson

EDUCATION

University of Richmond

Richmond, VA

- Computer Science Major & Mathematics Minor
- ACM Member

EXPERIENCE

QuackWare

The World

Freelance Full Stack Developer

December 2018-Present

- Built 100s of apps, apis, integrations, for multiple startups and individual clients while traveling around the world as a “digital nomad”.
- General responsibilities include full stack development, devops, large scale refactoring of legacy code, data integrations, data normalization, and more.
- Day to day technologies are TypeScript, Deno, Node.js, React.

SpaceX

Los Angeles, CA

Enterprise Software Engineer II

October 2016-December 2018

- Designed and developed internal ERP software for supply chain and purchase order management, ensuring that a steady flow of safe and reliable parts made their way to technicians building the rockets.
- Built software to increase the productivity of business users, decrease spend, and reduce mission risk.
- Helped the supply chain team grow from a single engineer and product manager to a team of seven by mentoring and training new hires, taking part in phone screens, and conducting on site interviews.
- Involved in all steps of building the product including technical business requirements, full stack development, and end to end testing and maintenance.
- Worked on multiple projects with tight deadlines while supporting existing legacy systems.
- Primarily work with C#, Angularjs, and MSSQL.

QuackWare

New York, NY

Freelance Full Stack Developer

September 2015-October 2016

- Built custom websites from the ground up based on designs or wireframes.
- Specialize in quickly building MVP and startup websites for clients with tight deadlines
- Often worked as the sole developer working on every aspect of the website.
- Work with Node.js, React, Meteor, Bootstrap, MongoDB, AWS, and whatever technology the client wants.

Bloomberg L.P.

New York, NY

Software Developer

July 2014-September 2015

- 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.

YouTube Partner

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

SKILLS & INTERESTS

- Proficient in TypeScript (Node.js, Deno, Bun), React, JavaScript, C++, C#, Java, and Python.
- Proficient with most flavors of SQL and noSQL, Redis, Cassandra, HBase, Redshift, Snowflake.
- Traveled to 20+ countries while freelancing full time.
- Enjoy quickly learning new technologies and producing results fast.