|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Liam Bowen  Software Engineer | |  | | --- | | [LiamBowen@gmail.com](mailto:LiamBowen@gmail.com) | | 518.321.5076 | | [www.hut8.io](http://www.hut8.io) | | [github.com/hut8](https://github.com/hut8) | | [linkedin.com/in/liambowen](http://linkedin.com/in/liambowen) | |

## Skills

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AngularJS | | x86 ASM | | ASP.NET MVC | | API Design | | | Bootstrap | | C++ | C# .NET | | C | CSS | Documentation | | | | Git | Go |
| HTML 5 | Java | | JavaScript | | JSON | | Linux | Mercurial | | MongoDB | | | Oracle PL/SQL | | | | Perl | PHP | Python | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Reverse Engineering | Ruby on Rails | Security | Shell (Bash) | SQL (Various) | Subversion | VB6 / VBA | WPF |

## Professional Experience

|  |  |
| --- | --- |
| Independent Contracting | **Albany, NY** |
| Software Engineer | 2015 (Current) |
| Ruby on Rails, PostgreSQL, Amazon Web Services, Git. Developed software and integrated existing solutions for various companies remotely, including Novus in Boston, MA. | |

|  |  |
| --- | --- |
| Xerox Litigation Services | **Albany, NY** |
| Software Engineer (Contract Employee through Paladin Consulting) | 2013-2014 |
| Develop PHP, Ruby, Python, Oracle PL/SQL, C, HTML5, CSS, JavaScript/Prototype/jQuery and MySQL for the OmniX document review platform. Provided emergency support on-call. Found and fixed security vulnerabilities affecting litigation documents. Resolved many recurring support issues by fixing our handling of character encoding. | |

|  |  |
| --- | --- |
| Capital IQ | **New York, NY** |
| Software Engineer Intern / Co-op | 2009-2010 |
| ASP.NET, C#, JavaScript/jQuery, T-SQL. Offered full-time position as software engineer. Implemented new search engine frontend using jQuery. Made system to automatically build virtual machines for QA. Wrote automated code-coverage utility with web frontend. Redesigned caching infrastructure using Velocity (like memcached, now part of AppFabric). | |

|  |  |
| --- | --- |
| Wustefeld Candy Company | **Green Island, NY** |
| Software Engineering Consultant | 2008-2013 (as needed) |
| Perl, Python, MySQL, C. Mostly independent; briefly on payroll for larger project. Created web application to extend functionality of 20+ year old, telnet-based management software including reverse engineering proprietary database. Supported their network, server and a dozen workstations. | |

## Open Source Projects

|  |  |
| --- | --- |
| [GitHubContributions.io](http://githubcontributions.io) | Tracks all 250 million open-source contributions made by GitHub users from 2011 to now.  Flask, Python, MongoDB, Angular.JS, Bootstrap, Google BigTable, Git |
| [Fiss](http://githubcontributions.io) | Fast HTTP file server. Integrated SSH tunneling to negotiate tricky networks. Go, JavaScript, Git |
| Aliker | Given a post on Tumblr, finds similar posts using Tumblr API.  Go, jQuery, HTML5, WebSockets |

## Education

|  |  |
| --- | --- |
| Rensselaer Polytechnic Institute | **Troy, NY** |
| Computer Science Major (Dropped out) | 2007-2011 |
| *Extracurriculars:* Tau Epsilon Phi Fraternity (Social Chair), RPISEC (Computer Security Club), RCOS (Rensselaer Center for Open Source). | |