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| Liam Bowen  Software Engineer | |  | | --- | | [liambowen@gmail.com](mailto:liambowen@gmail.com) | | 803-638-3674 | | [github.com/hut8](https://github.com/hut8) | | [linkedin.com/in/liambowen](http://linkedin.com/in/liambowen) | |

## Skills

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| Angular | x86 ASM | ASP.NET MVC | API Design | Bootstrap | C++ | C# .NET | C | CSS | Documentation | Git | Go |

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| HTML 5 | Java | JavaScript | JSON | Kubernetes | Linux | MongoDB | Oracle PL/SQL | Perl | PHP | Python |

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

## Professional Experience

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| Tenex Developers | **Albany, NY** |
| Co-founder, Chief Technology Officer | 2015-2018 |
| Ruby on Rails, PostgreSQL, Amazon Web Services, Git, Reverse Engineering, DevOps. Developed software and integrated existing solutions for various companies remotely. Grew to a total of 8 employees. Performed code reviews; managed teams of up to six developers. Efficiently deployed most client applications on Google Cloud Platform with Kubernetes. Tenex was sold to an insurance company in 2018. | |

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| 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. | |

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| 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). | |

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| 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. | |

## Selected Open Source Projects

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| [OpenSourceContributors](https://github.com/tenex/opensourcecontributors) | Tracks billions of open-source contributions made by GitHub users from 2011 to now. Go, JSON API, Python, MongoDB, Angular.JS, Bootstrap, Google BigTable, HTML5, Git |
| [Fiss](https://github.com/hut8/fiss) | Fast HTTP file server. Integrated SSH tunneling to negotiate tricky networks. Go, JavaScript, Git |
| [Rails-Assets.org](https://rails-assets.org) | Current maintainer of rails-assets.org. Fixed numerous performance issues. Receive more than $100/month of donations in addition to $1000/year from Digital Ocean. Ruby on Rails, Bower, Ansible, CoffeeScript, AngularJS, Git |

## Education

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