



Liam Bowen

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OBJECTIVE...To develop software that improves lives.

EDUCATION...Rensselaer Polytechnic Institute [Troy, NY].....2007 -> 2011

B.S., Computer Science (Dropped out)

Extracurriculars: [Tau Epsilon Phi Fraternity, RPISEC (Computer Security Club),  
RCOS (Rensselaer Center for Open Source)]

Bethlehem Central High School [Delmar, NY].....2003 -> 2007

High School Diploma (GPA: 90/100; SAT: 2100/2400)

Extracurriculars: [Science Olympiad, National Science Bowl, Masterminds (trivia),  
Help Desk (Unpaid Intern), Civil Air Patrol]

Awards and Honors: [Science Department Award (x2), Masterminds JV MVP, Science Bowl  
Regional Champions, Science Olympiad (1st, 3x2nd, 3rd place)]

EXPERIENCE...Xerox Litigation Services [Albany, NY].....June 2013 -> June 2014

Software Engineer: Develop PHP, Ruby, Python, Oracle PL/SQL, Go, HTML5, CSS,  
JavaScript with Prototype/jQuery and MySQL for the OmniX document review  
platform. Provide highest level support to clients, including on an on-call basis.

Capital IQ [New York, NY].....(Co-op).....May 2009 -> January 2010

.....(Internship)...May 2010 -> August 2010

Software Engineering Intern: Implemented new design for high-traffic search page using  
SQL Server 2008, ASP.NET 3.5, C#. Redesigned existing caching infrastructure to work  
with distributed caching system ("Velocity" in CTP). Contributed to VMware Virtual  
Machine management system with web interface for internal use. Wrote automated,  
web-based .NET code-coverage utility using ASP.NET, C# and P/Invoke. Cut over  
legacy ASP code to modern ASP.NET code. Offered full-time position.

Wustefeld Candy Co [Green Island, NY].....May 2007 -> Present

Technical Support & Software Engineer: Support Windows workstations, Linux server and  
network for small distribution business. Implemented web-based frontend to add  
functionality to their "database" (pre-SQL) using Perl, MySQL, Python, Linux and  
Apache for candy and grocery distributor. Automatically found deals using raw catalog  
data from distributors. Involved reverse engineering of software from 1980's.

Rensselaer Polytechnic Institute [Troy, NY].....September -> December 2008

Undergraduate Teaching Assistant: Supervised two two-hour lab sessions per week for  
Computer Science I (CS-1100) and answered questions about C++, basic algorithms

SKILLS.....Programming, Markup and Query Languages:

(x86|x64) Assembly, C++, C#, C, CSS, Go, HTML(5), FORTRAN, Java, JavaScript,  
Oracle PL/SQL, Perl, PHP, Python, Ruby, Shell scripts, SQL (Various), VB{6,.NET}

PROJECTS....fiss: Simple, fast HTTP server for serving static files from the local filesystem.

Integrated SSH tunneling to negotiate/circumvent NAT/firewalls (to easily serve files  
given a remote SSH server and key). Go. github.com/hut8/fiss

....fractus: peer-to-peer IM application and protocol implemented in Java with strong  
encryption and authentication features. Abandoned due to deep regret of writing it in  
Java, other projects and course load. Rensselaer Center for Open Source. Java.  
Protocol/crypto/networking have working tests. github.com/hut8/fractus

....sandhog: dead-simple reverse SSH tunnels on Linux, Windows, Mac OS X. Forwards  
incoming requests from an SSH server to itself to traverse tricky networks. Go.  
github.com/hut8/sandhog

....cookie\_monster: use Chrome and Firefox cookies in your scripts for testing and  
automation. Ruby (gem). github.com/hut8/cookie\_monster

....tumblr-go: Go bindings for large subset of the Tumblr API. Responses are native Go  
structs. github.com/hut8/tumblr-go

....aliker: Given a post on tumblr, returns similar posts. Assumes the things that  
you're likely to like are the things that are liked by people who like the things  
that you like. Go, jQuery, HTML5, JS, WebSockets. Originally a Rails project,  
but switched to Go for concurrency. In progress. github.com/hut8/aliker

INTERESTS...Ham radio (KC2UDT), Student pilot (soloed), Music (mandolin), Open Source