**Winston Evan Williams**

P.O. Box 346

Deer Harbor, WA 98243

winston@seattlesoft.com

– **Seeking full-time employment working on interesting software projects.** –

As a professional software developer for over a dozen years, I have worked in every stage of the software creation lifecycle. I am comfortable and well suited to group projects, but I am also valuable as a self-motivated individual. I enjoy learning from team members and I enjoy the feeling of

community in contributing to group goals. I am most comfortable working with UNIX derivatives and Linux-based servers. I run Microsoft Windows, Apple OSX and Ubuntu Linux on my personal computers.

**Skills:**

**C & Java Server Development**

I have developed C Apache modules and Java server daemons that are used to serve many

hundreds of millions of advertising impressions daily, as well as server software that powers

communications and data access.

**Python, PHP and Perl Scripting**

I am an expert with Python development (including server and GUI apps). Python scripts that I

have created were used to tabulate statistical information and manage customer relationships.

I have created PHP interfaces for team, project and financial management purposes. I developed

a tiered contractor billing system (PayApp), which is used to manage large construction projects.

**SQL Administration, Development and Maintenance**

In an administration role, I have designed and implemented customer and accounting databases

of all magnitudes, and as a programmer, I have tuned MySQL and MS-SQL configurations in

situations where down-time was not possible, and response time was critical. I also have (more

limited) experience with Oracle and PostgreSQL servers.

**Front-End Design and Development**

I design user-friendly GUI applications in Java (SWING) and Python (GTK). I can also develop

creative and intuitive web applications using PHP and Python. I am often complimented on work

that combines powerful productivity tools with quality user interfaces.

**Project Experience:**

December 2009 – Present

**Independent Contractor, as SeattleSoft.com**

*As an independent contractor, I build software and websites for a wide variety of clients including*

*start-ups, small businesses and seasoned corporations. I often prefer to work with Git source*

*version control, Apache/Linux web servers, F5 Load Balancers, Oracle network equipment and*

*MySQL database servers.*

Current paying projects include:

– KillerBeaver.net (for Slava Yanson), can not discuss details of project due to NDA

– MySQL optimizations (with Neo Nosrati), feel free to ask about this project

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**Project Experience, continued...**

March 2008 - December 2009

**Lead Programmer, Adaptive Applications, Inc.**

*Seattle, WA*

As lead programmer of advertising server software, I developed high-traffic banner and affiliate

networking Apache modules. Currently, the company is serving over 170 million impressions/day

using only 10 dedicated servers (Around 200 hits per second per machine), while simultaneously

reloading ad information & updates every minute. I designed the server and database

configuration and created a Python queue processor responsible for logging of impression / click /

bounce / conversion data. I also helped to establish a 12-terabyte data warehouse capable of

keeping up with incoming traffic while also supporting data mining operations.

May 2006 - February 2008

**Lead Developer, ConnectU, Inc.**

*Boston, MA*

Lead programmer in development of a social networking system and an Instant Messaging

platform. As lead developer of ConnectU.com, I designed a social networking platform which was

used by hundreds of millions of college students, including a Java-based Instant Messaging

platform. Along with co-developer Joel Voss, I pioneered the use of UDP firewall hole-punching

techniques which enable direct file transfers between users when both parties are behind

restrictive firewalls. I personally helped ConnectU, Inc. to win a ~$100-million-plus settlement

against Facebook, Inc.

February 2004 - September 2005

**Director of Open Source Technologies, Pacific Northwest Software, Inc.**

*Seattle, WA*

Software and web application development for various clients. Projects included a JSP/JBoss

online store for Coyote Mobile (a cell-phone mobile content provider), a PHP web education

community for ExamKrackers.com (a student exam preperation website), database work for

Winklevoss Inc. - a financial services company.

1999 - 2003

**Independent Contractor, as Seattle Software Systems**

*Deer Harbor, WA*

Developed websites and applications for various small businesses. Major projects included a

complete Java-based hotel management application, a “3D Virtual Tour” Java applet for Virtual

InterTours, Inc., a website with online store and inventory management using a custom-made

Palm barcode scanning system, for WinTech Racing, Inc. I also developed unique websites for

Saugatuck Rowing Club, Orcas Island Real Estate, Windemere Orcas Island, among others.

1997, 1998

**Webmaster, Waterman Broadcasting, Inc.**

*Fort Myers, FL*

Web developer for two local television news station websites. Administrator of Sun Solaris

(NetRa) server with RADIUS dial-in server for employee Internet access, Apache web and

MySQL database server software. Designed and developed websites for ABC-7 and NBC-2

television news stations. Developed interactive hurricane guide Java applet. Automated

uploading of live doppler radar images and live Tower-Cam updates (Perl).