Résumé: Guangcong Luo

7955 S Bay Curve, Eden Prairie, Minnesota 55347
Phone: 424-242-4369 | Email: luoxx098@umn.edu | Portfolio: guangcongluo.com

Summary of Qualifications

Software developer and Web developer with six years of experience. Proficient in web and desktop software development. Knowledge of user interface design and cryptography.

Education

B.S. Computer Science (in progress, degree anticipated May 2014)
University of Minnesota—Twin Cities
Some courses taken:
- User Interface Design
- Cryptography
- Graphics
- Advanced Algorithms

Skills

- Programming languages: JavaScript, C, PHP, Python, C++, Java
- Toolkits: Qt. Web technologies: HTML 5, CSS 3, jQuery, MySQL, Backbone.js, Node.js
- Version control: Subversion, Git, Issue trackers: Trac

Activities and Achievements

1st place in MAA-NCS mathematics team competition
University Honors Program of University of Minnesota—Twin Cities

Work Experience

(Open Source) Founder, Pokemon Showdown, 2011-2014
- Wrote the entire stack, graphics to UI to authentication scheme to multi-process server
- Revenue-generating site; current usage of >10000 concurrent users, >1 million of uniques/month
- One optimization cut bandwidth by 95% by switching from JSON to handwritten protocol
- Sent a patch to upstream after getting hit by a zero-day DoS attack on server's websocket library

Lead Developer, Cora Cove, 2012
- Trained coworkers in HTML/CSS/JavaScript
- Wrote a Python script to fill out a PDF form (including signatures) with data from a Django model
- Lead a project to create a form processing single-page app in Backbone.js

(Open Source) Developer, Warzone 2100 Project, 2009-2011
- Improved UI, gameplay, and graphics
- Worked in C
- Designed and developed website, including addons database and game manual

(Open Source) Several accepted pull requests to projects in JavaScript, Python, Objective-C on Github

Developer, Celeris Drive Technology, 2011
- Wrote a desktop UI for an oscilloscope in Qt

Web Development Contractor, Zeba Consulting, 2011
- Worked on web applications and mobile applications for a presidential campaign
- Did QA testing for presidential campaign website
- Designed iPhone application for campaign

Web Development Contractor, Scripped, Inc., 2009-2010
- Merged the codebases in the Scripped–Zhura merger
- Implemented an iPad version of its scriptwriting software