

# Résumé: Guangcong Luo

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## Summary of Qualifications

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

## Education

B.S. Computer Science and B.S. Mathematics, (in progress, degrees anticipated June 2013)

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. Frameworks: Django, Backbone.js
- Version control: Subversion, Git, Issue trackers: Trac

## Activities and Achievements

1<sup>st</sup> place in MAA-NCS Team Competition

University Honors Program of University of Minnesota—Twin Cities

## Work Experience

(Open Source) Founder, Pokemon Showdown, 2011-2012

- Wrote the entire game, graphics to UI to authentication scheme to server
- Prototype handled 50 concurrent users, scaled it to current usage of thousands of users
- One scaling optimization cut bandwidth by 95%

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
- 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, B2GMedia, 2009-2010

- Set up websites for San Francisco 49ers, Goodwill of Silicon Valley using Joomla
- Wrote a “quiz” game using JavaScript

Web Development Contractor, Scripped, Inc., 2009-2010

- Merged the codebases in the Scripped-Zhura merger
- Implemented an iPad version of its scriptwriting software