

Steve Geluso

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Stephen.com github.com/geluso



Professional Experience

[AWOL in P-Town](#), Oakland / Spokane / Seattle

December 2013 - March 2014

Freelance, Lead programmer, Co-creator, Co-designer, awol-in-ptown.com

- Created a custom interactive panoramic picture viewer, serving tiles from a 40 GB image.
- Worked with Robyn Miller, co-creator of the once best-selling video game Myst.
- Coordinated development with a team split across three cities.
- Technologically diverse: Angular, social media APIs, MySQL, Photoshop automation.

[The Immortal Augustus Gladstone](#), Oakland / Spokane

November 2013 - December 2013

Freelance Web Developer, theimmortalaugustusgladstone.com

- Rich multimedia website, with movies, sound and pictures, built under deadline pressure.
- Dynamically loads YouTube videos using YouTube's javascript API.
- Integration with social media, Mailchimp, VHX, Vimeo, and Gumroad.

[Google](#), Seattle / London / San Francisco

June 2010 - Nov 2013

Software Engineering for Webmaster Tools, Android Search, Knowledge Graph

- Webmaster Tools: worked with UX designer to create new feature, wrote blog post.
- Android Search: prototyped a new interactive search experience for Android tablets.
- Knowledge Graph: ported interactive web apps to Angular, wrote large map reduce jobs.

[&yet Web Design](#), Richland, WA

Jan 2008 - July 2009

Web Developer, Event Coordinator

- Created a customizable customer contact system soon used across many different sites.
- Coded with Django, PHP, Javascript, CSS and HTML.
- Managed audiovisual booth during Realtime Conference.

[Computer Science and Engineering Department](#), [University of Washington](#), Seattle, WA

Sep 2008 - June 2011

Lead Teaching Assistant, Computer Programming I & II

- Prepared lectures, led bi-weekly classroom discussions, provided homework feedback.
- Led exploratory Python lectures paralling topics from the regular Java-based course.
- Tutored students one-on-one in a programming lab.

[Amazon.com](#), Richland, WA

Jun 2007 - Sep 2007

Customer Service Associate

- Worked as a phone operator helping people with problems with their Amazon purchases.
- Developed crucial communication skills interacting with a wide variety of people every day.

Education

[Bachelor of Computer Science at the University of Washington](#)

- Studied Data Structures, Algorithms, Networks, Programming Languages, Distributed Systems, Databases, Formal Models, Project Management, Digital Art & Experimental Media. • Served as ACM Club Treasurer, managed department funds, managed profitable student snack store.
- 4th place ACM team programming contest, three-time Yahoo! Hack U team hackathon participant.

Personal Projects

[Pomme.us](#)

Co-programmer, An online realtime image association game, similar to Apples to Apples.

- Adopted existing code base, helped with site redesign, currently helping to maintain the site.
- Javascript, custom Python server, MySQL, aspiring iPhone and Android development.

[Stephen.com/cursors](#)

An experimental HTML5 canvas exploring the absurd idea "what if desktops had multiple cursors?" Initially created just to play with patterns of cursor movement, but shockingly expressive systems eventually emerged. Chutes and ladders, plinko, crosswalks, track races. Easier seen than told!

[Stephen.com/coinwars](#)

A custom game that's equally physical and virtual. Players put coins on a table, heads v. tails, take turns flicking them, using different coins special abilities, knocking each other off, last standing wins. Aspiring mobile game, web game and physically printed and distributed rule book.

[github.com/geluso/ffmpeg_subtitle_scene_extraction](#)

An experiment using Python and FFmpeg to process subtitles and extract movie clips. My tool extracted every hallway scene from Star Trek TNG, and helped me create fun interactive video boards of favorite lines from movies. This project introduced me to vibrant online video processing communities, like [MoviePy](#) users and the [r/ImageStabilization](#) subreddit.

Proficient with: Python, Javascript, Angular, Java, Photoshop, Vim

Familiar with: Bash, Android, Node, Django, PHP, MySQL

Automation, board games, live music, audio visual effects, community, variety. City biking, mountain biking, mountain climbing, running, hiking, camping.

Westerns, Science Fiction, moon colonization.

Skills

Hobbies & Interests

