

Tongzhou Wang

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Education

University of California, Berkeley | Berkeley, CA | Expected May 2016

- B.A. in Computer Science and Statistics.
- Minor in Philosophy.
- Tech. GPA: 3.97. Overall GPA: 3.89. Honors: Dean's List.

Shanghai Foreign Language School | Shanghai, China | July 2013

Relevant Coursework

- Data Structure, Machine Structure, Algorithms, Operating system, Artificial Intelligence, Machine Learning, Probability theory, Statistical Analysis, Game Theory.

Skills

General computer skills: Mac OS X, Windows, Linux, vim.

Programming languages: MIPS, C, C#, F#, Java, Python, Scheme, Ruby, JavaScript, HTML, CSS, LaTeX, MatLab, R.

Developing tools: Git, Android and iOS development with Xamarin, Ember.js, RubyOnRails.

Experience

Software Intern | Sellegit Inc., Berkeley, CA | 06/15/2014 - Present

- Built a local sales website (sellgit.com) with Ember.js and RubyOnRails. Worked on HTTP requests buffering, image processing and image database migration from Google to Cloudinary.
- Developed an Android application, Peach that hosts auctions for fashion and luxury, in C# and F# with Xamarin. Worked on intro page, entrance pages, after-auction view as well as overall styling, transitions and animations.

Software Developer | Funbox 365 Co., Shanghai, China | 08/2012 - 10/2013

- Lead a team of 40 active fans, including 3 UI designers, voice actors and testers, working on a PC version of the card game, Ascension. Finished most programming in Visual Basic.

Volunteer Tutor | Dingxi, Gansu Province, China | 07/2012 - 08/2012

- Tutored 12th grade students in mathematics and English.

Projects

PyMissile | Carnegie Mellon University, PA | 08/2013

- A two-player shooting game with the setting of outer space where missiles are influenced by gravity from celestial bodies. Worked on the whole game with Python 2 and Pygame.

BeleTears | BearHack, UC Berkeley, CA | 11/24/2013

- An auction-based course enrollment system written in Python 3. The name came from the intention to build a better system than UC Berkeley's TeleBears. Worked on TUI, input parsing and the underlying auction system.

Molly Weasley Clock | HackJam, UC Berkeley, CA | 03/01/2014

- A remote-controlled LED system with Electric Imp and Flask. The initial idea is to develop a service that roommates' location can be set on their smartphones and displayed in real time in the dorm on a clock whose hands indicates different places. Worked on sending HTTP requests and Electric Imp's signal handling.

PokéFace | BigHack, Stanford University, CA | 04/06/2014

- A web service that tells one which Pokémon his or her Facebook profile image resembles the most. Worked on image RGB histogram comparison in JavaScript.