Tongzhou Wang

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Education

University of California, Berkeley | Berkeley, CA | Expected May 2017

· Double major in Computer Science and Statistics.

· Technical GPA: 3.98. 10 of 15 technical courses A+.

· Honors: Dean's List.

Shanghai Foreign Language School | Shanghai, China | July 2013

Relevant Coursework

· Machine Structure, Operating System, Compiler.

· Data Structure, Algorithms, Artificial Intelligence, Machine Learning.

· Probability Theory, Statistical Analysis, Stochastic Process, Game Theory.

Skills

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

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

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

Experience

Undergraduate Researcher | UC Berkeley, CA | Starting from 02/02/2015

· Research in AI-related areas with Professor Stuart Russell from UC Berkeley's CS department.

Software Intern | Sellegit Inc., Berkeley, CA | 06/15/2014 – 12/23/2014

· Built a local sales website with Ember.js and RubyOnRails.
  Worked on HTTP requests buffering, image processing and image database migration.

· Developed the Android app Peach, which hosts fashion auctions, in C# and F# with Xamarin.Forms.
  Worked on introduction page, entrance pages, auction view as well as styling, transitions and animations.

Projects

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

· A web service that analyzes which Pokémon one's Facebook profile image resembles most. Worked on image RGB histogram comparison algorithm in JavaScript.

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

· A remote-controlled LED system that shows roommates' real-time location. Built with Electric Imp and Flask. Worked on frontend webpage, HTTP requests and Electric Imp's request handling.

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.