Tongzhou Wang

Address: 2312 Fulton St., Stadium Place Apt. 509. Berkeley, CA, 94704 | Tel: (510) 384-2636
Email: tongzhou.wang.1994@gmail.com | GitHub username: SsnL | Personal blog: ssnl.github.io

Education

University of California, Berkeley | Berkeley, CA | Expected Graduation Date: May 2017

· Double major in Computer Science and Statistics.

· Overall GPA: 3.88. Technical GPA: 3.98 (16 of 26 technical courses A+).

Relevant Coursework

· Machine Structure, Operating System, Compiler, Database Systems.

· Data Structure, Algorithms, Computability Theory, Artificial Intelligence, Computer Graphics.

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

Graduate Level:

· Machine Learning, Cryptography, Information Theory and Coding.

Skills

Languages: C, C++, C#, F#, Swift , Java, Python, Ruby, PHP, JavaScript, HTML, CSS, MatLab, R.

Tools: Version Control, Android, iOS, Ember.js, RubyOnRails, SQL, HBase, MapReduce, Spark, Theano.

Experience

Software Engineer Intern | Airbnb Inc., CA| 05/23/2015 – PRESENT

· Working in Data Infrastructure team on integrating Apache Phoenix in schema enforcement and SQL style queries over HBase, as well as in direct Spark SQL streaming from HBase.

Software Engineer Intern | Facebook Inc. Seattle Office, WA | 06/01/2015 – 08/21/2015

· Built ads logging tables with unified schema. Developed an internal tool to provide a holistic view of ads HTTP requests, including frontend UI events, API calls, and backend mutation events.

· Utilized the logging framework to analyze ads bug reports and assign tasks to engineers that are likely responsible for the issues.

· Rating: exceeding.

Undergraduate Researcher | UC Berkeley, CA | 02/02/2015 – PRESENT

· Adaptive MCMC inference algorithm over graphical models with Professor Stuart Russell.

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

· Developed a buffered active model adapter for Ember.js and RubyOnRails sites to reduce server load.

· Implemented animations and transition logics of an Android app in C# and F# with Xamarin.Forms.

Projects

Grue | Berkeley, CA | 03/15/2015 – 8/20/2015

· iOS app that helps college students explore, manage, and sign-up for upcoming events around campus, and provides event organizers statistics and easy management of the attendants.
Worked on backend with Parse, frontend backend integration, and frontend iOS views.

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

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