

# Tongzhou Wang

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## Education

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

- Double major in Computer Science and Statistics.
- Technical GPA: 3.98. 12 among 18 technical courses are A+.

## Relevant Coursework

- Machine Structure, Operating System, Compiler.
- Data Structure, Algorithms, Artificial Intelligence, Machine Learning (Graduate Level), Cryptography.
- Probability Theory, Statistical Analysis, Stochastic Process, Time Series, Game Theory.

## Skills

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

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

**Development tools and skills:** Git, Mercurial, iOS, Android, Xamarin.Forms, Ember.js, RubyOnRails.

## Experience

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

- Worked in Ads Product Platform team on Facebook's unified logging framework, which aims to impose a unified schema on various logging tables.
- Built related logging tables and an internal tool that provides holistic view of ads HTTP requests, from frontend UI events and HTTP API calls to backend mutation events.
- Utilized the unified logging framework to analyze ads bug reports and assign tasks to engineers that are possibly responsible for the exceptions.
- Rating: exceeding.

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

- Adaptive MCMC inference in first-order logic inference.

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

- Improved performance of a local sales website built with Ember.js and RubyOnRails.  
Lowered the amount of HTTP requests by implementing a buffered active model adaptor mixin.  
Reduced server's computation load by migrating image database to Cloudinary.
- Developed the Android app Peach, which hosts fashion auctions, in C# and F# with Xamarin.Forms.  
Built entrance pages, auction view, and overall animations in F#. Translated codebase from C# to F#.

## Projects

**Grue | Berkeley, CA | 03/15/2015 – PRESENT**

- iOS app that helps students explore, manage, and sign-up for upcoming events, 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.