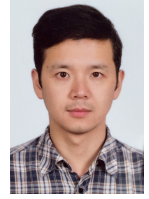# Resume

Jeff Tian, graduated from Mathematics College of Soochow University in 2007, and now studying Financial IT at Fudan University in the weekend. A master of full-stack web application development, good at hybrid App developing. Keen on Test Driven Development and love to solve problems. Contributed to large open source project on Github. Hobby is Yoga and running, won the male team champion of JP Morgan running at 2013.

Loving to share knowledge, got good feedbacks: link 1, link2. Signed contract as a teacher with Rongda Education.

Contact

Mobile: 17717373367   **E-mail**: jeff.tian@outlook.com   **GitHub**: https://github.com/Jeff-Tian

Strengths:

NodeJS, css, AngularJS, React, TDD, Face recognition applications, Wechat

Working Experiences

Full stack developer (Buzzbuzz English)

August 2015 ~ Present

Delivered Service Orientated Architecture of BuzzbuzzEnglish.com for both mobile and PC platform with 2 engineers as team leader. Implemented video subtitle highlighting, face recognition with special effects and speech recognition with scoring system. Deployed with https and made a fast and lightweight administration UI using React.

- Product: https://live.buzzbuzzenglish.com

CRM Software Engineer (EF Labs for Kids and Teens)

June 2013 ~ April 2015

International team collaboration, Agile development, Test Driven Development. My contributions mainly focused on:

- **Highly customized Web Chart**: used lightweight javascript chart library Flot on github, my enhancement was accepted by library author.
- Robust **forced-distribution dispatching algorithm** on sales leads: It frees Telemarketing Sales Supervisor from dispatching sales leads according to frequently changed ratios. This algorithm can be used for a long period without human intervention, which has rigid mathematical reasoning and proof.
- **Domain Account Log On**: Highly secured the system and at the same time eliminate the need to create another account for company users.
- Created **front-end end test framework**: The back-end of this project uses SpecFlow to do automated tests, but lack of front-end automation tests. I created the ruby rake scripts to scan the js files under test folder, and then start phantomjs to call the test code based on jasmine and angular mocks. What's more, the script was integrated to existing CI system.

SDET II at Microsoft as vendor staff

April 2011 ~ June 2013

Software engineer at DHL

April 2007 ~ April 2011

- Express sorting system: SQL server, ASP.NET MVC, WCF and hand-held scanning device client applications.
- Nokia warehouse management system
- Heavy Cargo Price Adjustment System (An Excel VBA Application):
  - Generates monthly sales reporting
  - Sales prediction using **exponential smoothing**

Other works

Contributions to many github projects
AI version of tic-tac-toe: https://jeff-tian.github.io/tic-tac-toe-ai/

X-means npm package: https://www.npmjs.com/package/x-means

online k-means clustering: http://k-means.pa-pa.me/en/

Skulpt JS: https://github.com/skulpt/skulpt/graphs/contributors

4 plugins for flot: http://www.flotcharts.org/plugins/