JEFFREY XIONG

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EDUCATION

RICE UNIVERSITY   *8/17/14 - Present*

B.S. Computer Science   *Expected - May 2018*
GPA: 3.55 / 4.0

WORK EXPERIENCE

Software Engineering Intern (Mobile Development), Adobe; *San Jose, CA - 5/23/16 - 8/08/16*

- Worked on Acrobat iOS as member of Agile Scrum team.
- Implemented and shipped iOS 9 Core Spotlight API, allowing local and cloud files to be indexed and natively searched. Implemented UserVoice SDK as proof-of-concept for improving feedback and support.

Web Developer; *Houston, TX - 11/16/15 - Present*

- Designed and developed HackRice and McMurtry College websites using Jekyll, HTML, Sass, jQuery. http://hack.rice.edu/ and http://mcmurtry.rice.edu/
- Redesigned and developed front-end of Rice CS Club website. http://csclub.rice.edu/

Mobile Development + Design Intern, BoxCat; *San Gabriel, CA - 06/30/14 - 8/01/14*

- Programmed skill animation sequences using Objective C and Cocos 2D engine. Designed UI, skill icons, characters, particle effects, and sprites for Flying Fortress RPG (startup disbanded before app release.)
- Implemented photo upload, shake-to-sort for productivity app TaskCat.

PROJECTS + INVOLVEMENT

Rice Design For America; *Houston, TX - 1/21/17 - Present*

- Member of team working to increase civic participation and engagement in Houston.
- Researching methods to improve communication between disadvantaged demographics and local government through user interviews and partnership with design agency PG > PI.

RiceApps; *Houston, TX - 11/23/14 - Present*
RiceApps Chair; *11/09/15 - Present*

- Chair of student developer group. Overseeing 5 teams. Expanded membership by 30%.

Wellbeing Team Lead; *10/16/15 - Present*

- Overseeing 5 developers. Creating mobile app for students and web interface for police officers in collaboration with Rice police department and Student Association.
- Designing mobile UI and developing location services for emergency requests.

Rice CS Club; *Houston, TX - 11/23/14 - Present*

- Rebranded club identity; re-designed logos and graphics for club and subsidiaries (HackRice and RiceApps).

Additional Projects can be found on my GitHub: http://github.com/jeffreyxiong/

TEACHING + RESEARCH

Student Researcher, Rice University Human Factors Research Lab; *Houston, TX - 01/07/17 - present*

- Researching usability of two-factor authentication security. Designing study to measure usability of Google's two-step verification.

Teaching Assistant, COMP 215; *Introduction to Program Design - Fall '16*

Lab Teaching Assistant, ELEC 220; *Introduction to Computer Engineering - Spring '16*

A Spatial Entropy-Based Approach to Improve Mobile Risk-Based Authentication; *ACM Research Paper - 11/14*

- Best paper at ACM GeoPrivacy Workshop - http://dl.acm.org/citation.cfm?id=2675682.2676400