Jeffrey Xiong

2014 - 2018	**Rice University**	GPA: 3.62 / 4.00
	B.S. in Computer Science	*capstone in Machine Learning*
	B.A. in Cognitive Sciences	*concentration in Psychology (Human Factors & HCI)*

PROFESSIONAL

Starting Jun '18 — **Full Stack Mobile Developer, Adobe**; *San Jose, CA*

Jan '18 - present — **Designer, Freelance;** *Houston, TX*

Logo design, illustration, and graphic design for clients such as TopFunnel (SF), Baker Institute Student Forum (Houston), and MoonAyLuna (Houston).

Jun '17 - Aug '17 — **Software Engineering Intern, Adobe**; *San Jose, CA*

Worked on Acrobat Mobile Core Development Team. Developed internal iOS app for testing multi-core document interactions. Helped develop, design, and implement architecture and UI for shared PDF annotation view component, including comment list feature for iOS, and comment caching.

May '16 - Aug '16 — **Software Engineering Intern, Adobe**; *San Jose, CA*

Worked on Acrobat iOS 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.

TEACHING & RESEARCH

Jan '17 - present — **Research Assistant, Rice University Human Factors Research Lab**; *Houston, TX*

Researched and designed study to measure usability of two-factor authentication. Conducted rigorous summative usability testing of Google's two-step verification setup and login process.

Designing and developing open-source web app for aggregating and analyzing SUS (System Usability Scale) scores, using React Native.

Fall '15, '16, '17 — **Teaching Assistant, Rice University**; *Houston, TX*

Graded, held office hours, and facilitated lab sessions for Rice's Introduction to Program Design (COMP 215), and Fundamentals of Computer Engineering (ELEC 220) courses.

PROJECTS

Jan '17 - present — **Team Lead & Project Member, Rice Design For America**; *Houston, TX*

Formulated a Rice-centric volunteer management plan for emergencies similar to Hurricane Harvey, improved civic engagment in Houston through better matching of organizations and volunteer interest, and designing a writing device for people with hand-disabilities.

Oct '16 - present — **Wellbeing Team Lead, RiceApps**; *Houston, TX*

Creating Swift iOS app for students and web interface for police officers in collaboration with Rice University Police Department, Crisis Management, and Student Association.

PRESENTATIONS & PUBLICATIONS

Oct 2018 — Acemyan, C., **Xiong, J.**, Wallach, D., Kortum, P. "2FA Might Be Secure, But It's Not Usable: A Summative Usability Assessment of Google's Two-factor Authentication (2FA) Methods." *Proceedings of HFES 2018 International Annual Meeting*

Apr 2018 — **Xiong, J.**, Acemyan, C., Kortum, P. "SUSapp: A free application that makes the SUS easier to use in research." *Poster session presented at 2018 HHFES 14th Annual One-Day Symposium*