JONATHAN ZONG

www.jonathanzong.com
(832) 769 1958
jonathan@jonathanzong.com

WORK EXPERIENCE

Google, Research and Machine Intelligence
UX Engineering Intern · June–September 2018

Google, Material Design
Software Engineering Intern · June–September 2017
· Designed and implemented tools for motion designers to create interactive visualizations for spec documents

Oxford Internet Institute
Research Assistant · February–June 2017
· Developed visualizations and statistical models for TRANSNET, traffic analysis and prediction tool

Linked By Air
Design Intern · Peter B. Lewis Fund Award · June–August 2016
· Designed and built web interfaces with studio for clients including Printed Matter, Columbia University GSAPP, NYC Councilman Brad Lander

MIT Media Lab, Fluid Interfaces
Research Intern · January 2016
· Designed control software in Arduino and Node.js for Project Express, an assistive tool for people with physical disabilities to paint by robotic airbrush

Square
Software Engineering Intern · June–August 2015
· Improved user experience of Online Store checkout by integrating buyer logins and payment card linking

Coursera · KPCB Engineering Fellow
Infrastructure Engineering Intern · June–August 2014
· Improved feature set of internal server provisioning tools, deployment processes, and error monitoring

LEADERSHIP AND COMMUNITY

Design Summer
Founder · March 2015–Present
Founded community of 800+ design interns, organized events with companies like Airbnb, Facebook, IDEO, and Google, raised sponsorship from Khosla Ventures

Princeton Letterpress Club
President · September 2015–Present
· Produced poetry book *Nap Poems*, collected by Graphic Arts Collection at Princeton Rare Books Library

Eagle Scout · Troop 424
Patrol Leader · Skills Instructor · 2012
Constructed organic community garden for the underserved in Houston area

EDUCATION

Princeton University
B.S.E. Computer Science · Program in Visual Arts
GPA: 3.87/4.00 · September 2014–Present
Senior Thesis: Empirical Online Research Ethics
COS 597: Interactive Illustration
VIS 415: Advanced Graphic Design - Interface
COS 597E: Fairness in Machine Learning

University of Oxford
Visiting Student · January–June 2017
Social Dynamics of the Internet

SELECTED PROJECTS

PolitEcho · Facebook Global Hackathon Finalist
Visualize political bias · 20,000+ users · 2016
· Designed extension to visualize political bias in Facebook news feed using friend data
· Featured on the New York Times front page

Smart Windows · MIT THINK Scholar
Automated switchable windows · MIT Funding · 2014
· Built energy efficient windows that change tint based on sensors; transition lenses for the home
· Recognized nationally for project proposal (one of three awarded prototype funding from MIT)

Hermes Keyboard · Greylock Hackfest 1st Prize
Assistive iOS Keyboard Platform · $10,000 Prize · 2015
· Built keyboard extension that allows users to query information from outside apps in the auto-correct bar based on conversational context

DeuterIDE
IDE/text editor on Android · 10,000+ installs · 2012
· Created tool to write/run code on Android
· Wrote multi-language syntax highlighter and implemented online code compilation

GameCalc · HackRice 1st Prize
Math Education Gamified · $1,000 Prize · 2014
· Created Android game where users learn math by unlocking the buttons on a calculator

TECHNICAL SKILLS

Programming: **Java, Scala, Javascript, Swift, Python, C, PHP, HTML, CSS/Sass**
Tools: **Node.js, Angular.js, Ruby on Rails, Ember.js, Three.js, Arduino, Android, iOS, Git, Wordpress**
Visual: **Sketch, Illustrator, InDesign, Processing**