steven wu

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TECHNICAL SKILLS

Strong: JavaScript, React Native, Backbone, React, Angular, Node, Git, MongoDB, MySQL, PostgreSQL

Experienced: CoffeeScript, Python, Java, C, HTML/CSS, Sequelize/Mongoose/Bookshelf, Mocha, Chai, Jasmine, D3, jQuery, GruntJS

PROJECTS

workwhere — **Product Lead + Software Engineer**
Native iOS app where people use QR codes to exchange paperless business cards http://bit.ly/1OxDndW
: Abstracted efficient and reusable front-end systems using React Native adapting to multiple mobile OS
: Optimized performance and accessibility by weighing trade-offs of native vs React Native components
: Identified and communicated front-end best practices using visual and interactive design disciplines
: Worked cross-functionally across design and engineering to polish the product experience

CookEase — **Software Engineer**
Native Android app that detects when cooking tasks have been completed http://bit.ly/1XJQcbo
: Engineered audio recognition and WEKA machine learning algorithms to train mobile phones to listen
  for and identify sounds produced by kitchen appliances

Hand Washing Gamified with Leap Motion — **Software Engineer**
Desktop app that creates a game out of hand washing http://on.be.net/1u1AEP3
: Processed hand gesture recognition with Leap Motion utilizing PyGame, Mingus, and Leap Motion SDK
  to provide audio and visual feedback to notify the user upon completion of hand washing

Beer Tab — **Software Engineer**
Social payment app where people can send beers to friends http://bit.ly/1UadaDP
: Implemented JSON Web Token session authentication scheme on a dynamic front-end using Angular
: Architected a server API for the Angular application using Node, MongoDB, and Mongoose
: Configured Grunt tasks for automated continuous deployment to Heroku

Grizzly — **Software Engineer**
Music playlist app where people request songs from their smartphones http://bit.ly/1NG2rBl
: Crafted seamless UI components and forms across pages using Angular from designers' specifications
: Engineered back-end using Node to handle MongoDB interactions for crowdsourcing systems

snoopdit — **Software Engineer**
News feed app where tourists can find what locals are discussing on Reddit http://bit.ly/1QobNRM
: Retrieved Reddit threads using the Zipsaur.us and Reddit APIs and displayed them with Backbone

EXPERIENCE

Pixar Animation Studios — **Emeryville, CA** 2014
Technical Director Intern – Pixar University
: Produced design specifications using Illustrator and Photoshop to eliminate intermediate computer
  animation tasks, reducing time spent by technical artists on film productions by 30%
: Documented various parts of Pixar's pipeline (Presto, Houdini, Katana) referencing UI redesigns to
  support technical artists on future feature and short films
: Generated comprehensive blocking, procedural generation, and lighting tutorials and examples to
  reflect UI changes, now used in production as Pixar's bootstrapped onboarding process

Microsoft Corporation — **Redmond, WA** 2013
Servers and Tools Extern
: Developed monetization strategies and researched competing trends by Microsoft's Strategy Team
: Analyzed Microsoft infrastructure software and developer tools, especially Windows Server and SQL

EDUCATION

Hack Reactor Advanced Software Engineering Immersive 2015
UC Berkeley Bachelor of Arts in Computer Science 2011 - 2015

INTERESTS

Procedural Generation — Sprint Swimming — Interaction Design — Nitro Cold-Brews — Five-Panel Hats