



James Lang
Designer & Developer



WORK HISTORY

2016

Developer
GARAGE DATA TEAM

Handled correspondence with outsourced development team. Built and debugged AirBnB's initial open-sourced release of AirPal and built a Debian-based 4-node cluster of Raspberry Pis to learn the Hadoop ecosystem.

2015

Developer
PREQUAL

Served as UIE for Home Loans Prequal team. Created partial field masking for SSN fields and handled ADA compliance. Also created new validation system for SSO that stored validation error messages in separate file to facilitate future updates.

2014

Developer
INNOVANIACS

Created Tech Brek videos and various UI for projects such as the Parrot AR.Drone API. Developed drawing program using OpenKinect and Kinect depth-sensor - to be incorporated into Garage's WOW space.

2013

Developer
DEPOSIT TECHNOLOGIES

Learned COBOL for use on mainframe and served as SME on API usage for Great Compatibility.



EDUCATION HISTORY

2013

Economics B.S.
THE PENNSYLVANIA STATE UNIVERSITY

Had a change of heart and elected to finish a four year economics degree in two years while working full-time to pay tuition. Customized curriculum with dean to reflect my interest in computer science. Senior project was a Twitter sentiment analyzer using Python's Natural Language Toolkit.

2010

Pre-Medicine B.S.
THE PENNSYLVANIA STATE UNIVERSITY

Completed medical school requirements of Calculus, Biology, Chemistry and Organic Chemistry. Also took various classes on Health Policy Administration.



DEVELOPMENT SKILLS

HTML5

CSS3

JAVASCRIPT

ANGULARJS

MOBILE