

Linda (Hanzhang) Zheng

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EDUCATION

RICE UNIVERSITY

BS IN COMPUTER SCIENCE,

STATISTICS

Graduated May 2016 | Houston, TX

GPA: 3.7

COURSEWORK

COMPUTER SCIENCE

Artificial Intelligence

Adv. Computer Game Creation & Design

Operating Systems

Concurrent Programming

Database Systems and Design

Object Oriented Programming

Compilers

Adv. Algorithms

STATISTICS

Data Mining & Statistical Learning

Financial Time Series

Regression Analysis

Bioinformatics

SKILLS

PROGRAMMING

Java • Python • JavaScript/Typescript • R

• Matlab • C • C++ • CSS • Kotlin • Swift

FRAMEWORKS

Spring • Angular • React • AWS • Android

• iOS

EXPERIENCE

SHAPE SECURITY | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

May 2015 – Aug 2015 | Mountain View, CA

- 60 out of 2500+ applicants chosen to be a KPCB Engineering Fellow 2015.
- Shape Security is a leading Cyber Security Startup.
- Upgraded Shift, Shape's open source project, to support tooling for ECMAScript 2015. Tools include: Abstract Syntax Tree node generator, Parser, Code Generator from AST, AST Validator, Fuzzer, Reducer, (De)Serializer.
- Speaker at South Bay JavaScript MeetUp.

PROS | SOFTWARE ENGINEERING INTERN

May 2014 – Aug 2014 | Houston, TX

- Built tool to parse log files of important business systems and interactively display data using ELK stack.
- Built nightly email task to summarize flight booking statistics, using map-reduce algorithms.
- Created Notification Service and Notes Service for Travel Agent System.
- Built validation utility to validate input data from users.

RICE CENTER FOR DIGITAL LEARNING AND SCHOLARSHIP |

STUDENT WEB PROGRAMMER

Sep 2013 – Dec 2013 | Houston, TX

- Built webpage with interactive practice widgets/quizzes for students across various subjects.

JONES MCCLURE PUBLISHING | SOFTWARE ENGINEERING INTERN

June 2013 – Sep 2013 | Houston, TX

- Built two dynamic web applications and mobile-compatible versions (Income Tax Calculator and Child Support Calculator).
- Built Administration site to track and display internal business data.
- Wrote plug-in for FogBugs that allows non-IT employees to report bugs within the software.

OTHER PROJECTS

RECOMMENDATION SYSTEM COMPETITION | TERM PROJECT

Sep 2015 – Dec 2015 | Houston, TX

Class competition to build a system with the best recommendations for online dating profiles based on users' past ratings, using various statistical learning algorithms.

PAC-MITE COMPETITION | TERM PROJECT

Sep 2015 – Dec 2015 | Houston, TX

Class competition to find the best gene for a PAC-Mite species, using various AI and search algorithms that we learned throughout the semester.

CHIMEHACK 2 | HACKATHON PARTICIPANT + HONORABLE MENTION

July 2015 | San Francisco, CA

Built an Android app that detects certain signals/gestures and sends a customized distress message to selected contacts.

COMPUTER GAME CREATION | TERM PROJECT

Jan 2015 – May 2015 | Houston, TX

Multi-player, cross-platform game, combining the game-play mechanics of Doodle Jump, and competitive nature of Mario Kart.

