

STEVEN LANG

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EDUCATION

California State University, Long Beach | May 2019

Technical GPA: 3.24

B.S. Computer Science

Relevant Coursework: C++ for Java Programmers, Programming and Problem Solving, Operating Systems, Object Oriented Programming and Data Structures, Database Fundamentals, Software Development with Frameworks, Data Structures and Algorithms, Digital Logic and Assembly Programming, Networks and Distributed Computing

Honors: Dean's List Spring 2017, Spring 2018

WORK EXPERIENCE

Software Experience Engineer Intern | *CaseWorx*

Feb 2019 – May 2019

Long Beach, CA

- Supported CTO to manage interactive video and complex scenario learning environments for over 20 institutions including UPenn, Loyola Marymount, San Diego State and more, stored on AWS S3
- Maintained QA diagnostic tests on platform to find bugs, performance issues and design flaws on software built on Django, PostgreSQL, Redis, Docker stack
- Prepared clear and concise data reports to maintain and track design sprints

Shift Manager | *Snack Shack*

Feb 2015– Present

Fountain Valley, CA

- Administered a team of up to seven sale associates and collaborated to ensure efficiency in a dynamic fast-paced environment

PROJECTS

ChargeMe Mobile App

React Native / Expo / Firebase / JavaScript / HTML / CSS

- Constructed a mobile application a team of four that allows users to split bills including receipts and invoices with their friends in a more convenient matter.
- Implemented a receipt scanner camera to parse the data onto the Firebase database
- Tested loading and sorting algorithms for friends and current transactions
- Nominated for CSULB Best Project Competition 2019 by faculty

AuxChord Music Player

ElectronJS / JavaScript / Java / HTML / CSS

- Participated in a team of six to implement a music streaming interface that reads from a JSON file using a GSON parser
- Designed the interface to follow a Client-Server paradigm to make concurrent remote procedure calls
- Introduced map reduce algorithm to improve efficiency of application

Ransomware Payload

AWS / Python / HMAC / RSA / Restful Server

- Encrypted and decrypted any files, and folders by converting them from and to JSON files with HMAC/SHA256
- Created HTTPs server with Node.js, Amazon ECS2, NGINX and Let's Encrypt on a domain to store encryption keys

Explore California

ASP.NET Core MVC / C#

- Created a web API blog to allow users to post, read, search for articles and comment on them

Flickr Viewer App

REST API / C#

- Implemented app that allows users to search/browse photos by invoking the web service through an asynchronous method

SKILLS

Technical Skills

- Frameworks/APIs/Etc.:** JDK, ASP.NET, .NET, AngularJS, ElectronJS, ReactJS, React Native, AWS (ECS2, S3), Postgres, Node.js
- Languages:** Python, Java, C/C++, C#, SQL, HTML/CSS, JavaScript, MIPS, Verilog, Pascal
- Operating Systems:** Windows, MacOS, Linux

General Information

- Languages:** English, Chinese (Cantonese), Spanish
- Hobbies:** Basketball, Oil Painting, Hiking
- Soft Skills:** Communication, Ability to Work Under Pressure, Conflict Resolution, Adaptability, Teamwork, Creativity