

Seho Lim

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EDUCATION

University of Illinois at Chicago (3.70/4.00 GPA)
B.S in Computer Science

Chicago, IL
Expected December 2018

WORK EXPERIENCE

Motorola Solutions

Schaumburg, IL

Software Engineering Intern

June 2018 - Current

- Implement Android automated testing environment on Linux using various open-source technologies such as OpenSTF, Docker, Docker Swarm, and Jenkins
- Write scripts to automate the Android instrumented testing using NodeJS, Shell script, and ADB
- Research 3rd party Android automated testing environments such as AWS Device Farm and Google Firebase Test Lab

Vibes Media

Chicago, IL

Data Engineering Intern

December 2017 - April 2018

- Created data extraction framework that now runs daily in production using Airflow, Snowflake, Python, and SQL
- Created unit & integration testing layers using Python and Pytest to test airflow plugins

Morningstar

Chicago, IL

Software Engineering Intern

June 2017 - August 2017

- Created RESTful API and UI, for controlling index publishing jobs with AngularJS, NodeJS, and PostgreSQL. This app was deployed to production and is used by a 20-person index team
 - Added data visualization using Pandas and Matplotlib on python index report module
 - Fixed bugs in the python index report module that had prevented the module from running
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PROJECTS

Artsy Places Finder (*Javascript, KnockoutJS*)

July 2017

- Website where users can browse art-related venues, such as a museum or public sculpture, based on input address
- Used various APIs Google Map API, Autocomplete API, and Foursquare API to provide venue searching

Collective Flashcard App (*Python, Javascript, Flask, PostgreSQL*)

June 2017

- Website where multiple users can create and share courses and flashcards to study with their friends
- Users can organize the cards based on whether or not they are comfortable with the material or continue studying

Log Analysis (*Python DB-API & PostgreSQL*)

May 2017

- Analyze large database with over a million rows of user log data
 - Analyze the top three most viewed articles four authors, and the day that has more than 1% of HTTP request errors
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HACKATHONS

HackIllinois University of Illinois at Urbana Champaign - February 2018

- Created React Native flashcard app for learning foreign languages with translation and visualization.

WildHacks (36hr) Northwestern University - November 2017

- Created an web app that connects students by matching lunch schedules and providing private messaging functionality

DemonHacks (AWARDED) (36hr) DePaul University - October 2017

- Created an Web app that provides image search and the sounds of objects that are present in the photo that an user selects

HackIllinois (36hr) University of Illinois at Urbana Champaign - February 2017

- Participated in Open Source part of the event that introduced popular open source projects. Participated in Python Jupyter
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SKILLS

Programming Languages: Python, Javascript, Java, C++, C, Kotlin

Database: PostgreSQL, MongoDB, SQLite, Snowflake, RethinkDB

Framework & Library: Airflow, NodeJS, AngularJS, KnockoutJS, Flask, Docker, Jenkins

Platform: Unix, Linux, AWS