KEVIN LIN

Student | Aspiring Software Engineer

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EDUCATION

Rice University | Houston, TX

2016 - 2020 | B.S. Computer Science | 3.84 GPA

- Trustee Distinguished Scholarship & Walsh Engineering Scholarship Recipient, 2016 - 2020
- Advanced Reasoning About Algorithms, Algorithmic Thinking, Advanced OOP and Design, Computer Systems, Parallel Programming, Program Design, Computer Engineering, Probability and Statistics

EXPERIENCE

Tableau Software | Incoming Software Engineer Intern | Seattle, WA

Summer 2018

QRI International, LLC | Software Engineer Contractor | Houston, TX

August 2017 - present | Data Visualization Team

- Building REST API in Node.js to query and aggregate data from GeoServer and MongoDB
- Using Leaflet in React to build mapping components to visualize data for SpeedWise Portfolio Analysis, a web app that automates well analytics
- Features implemented include spatial data queries, dynamic styling variables, and two-way marker binding

QRI International, LLC | Software Engineer Intern | Houston, TX

May 2017 - July 2017 | Data Visualization Team

- Developed and deployed visualization and analytics platform: *qdca.qrigroup.com*
- Built a React/Redux-based frontend in JavaScript for decline curve visualization that supports charting, filtering, sorting, and a SSR gridview to improve client performance
- Wrote custom Highcharts plugin to support drag-and-drop of chart plots
- Designed a MongoDB schema that minimizes data duplication

PROJECTS

OwlSecurity | *CodeRED*   *goo.gl/YvQqZy*

Java, Android SDK

- Winner for *Best Use of IBM Watson* at CodeRED 2016 and *3rd Place ($1000)* at Rice Elevator Pltch
- An Android app that utilizes IBM Watson and Google Cloud CV API to turn any phone into an intelligent security camera that automatically alerts authorities

defBeats | *PennApps XV*   *goo.gl/m629Ve*

Python, Raspberry Pi, 3D Printing, Laser Cutting

- A wearable device based on Raspberry Pi that performs real-time Fourier transforms to turn music into vibrations

Cardify Flashcards   *goo.gl/wS5KQf*

Java, Android SDK

- A full-fledged flashcard manager that supports storing, editing, sorting, multi-delete options for databases of flashcards
- Features include a theme chooser, custom UI transitions, and flashcards exporting and sharing

SKILLS

Languages: Javascript/ES6, Java, C, Python

Technologies: Node.js, React, Redux, MongoDB, Android SDK, SASS, Git, Unix systems, Alexa Skills Kit