KEVIN LIN

Student | Software Engineer

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EDUCATION

Rice University   *Houston, TX*
B.S. Computer Science | 3.84 GPA   *Aug 2016 - May 2020*
- Trustee Distinguished Scholarship & Walsh Engineering Scholarship Recipient, 2016 - 2020
- Parallel Programming, Advanced OOP Design, Reasoning About Algorithms, Computer Systems

EXPERIENCE

Tableau Software   *Seattle, WA*
Software Engineer Intern | *Project Maestro Team*   *May 2018 - Aug 2018*

QRI International, LLC   *Houston, TX*
Software Engineer Contractor | *Corporate Analytics Team*   *Aug 2017 - Apr 2018*
- Assisted in the development of SpeedWise Portfolio Analysis (SPA), a new analytics web app
- Built REST API to query and aggregate data from MongoDB and GeoServer
- Used Leaflet in React to build mapping components that support spatial data queries, dynamic styling, and two-way marker binding
- Integrated hybrid, Office 365-based authentication layer using Azure AD

QRI International, LLC   *Houston, TX*
Software Engineer Intern | *Corporate Analytics Team*   *May 2017 - Jul 2017*
- Developed and deployed qDCA, a new visualization 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

PROJECTS

OwlSecurity | *CodeRED*   *https://goo.gl/AdxKhv*
- An Android app that turns any phone into an intelligent, image recognition-based security camera through the use of IBM Watson and Google Cloud CV API
- Winner for *Best Use of IBM Watson* at CodeRED 2016 and *3rd Place ($1000)* at Rice Elevator PItch

defBeats | *PennApps XV*   *https://goo.gl/yoHg2S*
- A wearable device based on Raspberry Pi that performs real-time Fourier transforms in Python to turn music into vibrations and allow deaf people to enjoy music

Cardify Flashcards   *https://goo.gl/BMxAtV*
- A full-fledged flashcard manager for Android 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: Java, JavaScript/ES6, C, Python
Technologies: Node.js, React, Redux, MongoDB, Android SDK, SASS, Git, Unix systems, Alexa Skills Kit