

# KEVIN LIN

Student | Software Engineer



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kevinylin.net



github.com/klin1344



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## EDUCATION

### Rice University

B.S. Computer Science | 3.85 GPA

- Trustee Distinguished Scholarship & Walsh Engineering Scholarship Recipient, 2016 - 2020
- Parallel Programming, Advanced OOP Design, Reasoning About Algorithms, Computer Systems

Houston, TX

Aug 2016 - May 2020

## EXPERIENCE

### Tableau Software

Software Engineer Intern | *Tableau Prep Team*

- Developed a general-purpose telemetry library that enables feedback gathering on UI components
- Built an API in Java to connect to BigQuery and designed React/TypeScript higher-order components
- Wrote feature, development, and test specs and passed Security Team reviews
- Implemented many bug fixes that have been shipped in Tableau Prep 2018.1.2 and 2018.2.1

Seattle, WA

May 2018 - Aug 2018

### QRI International, LLC

Software Engineer Contractor | *Corporate Analytics Team*

- 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 queries and dynamic styling
- Integrated hybrid, Office 365-based authentication layer using Azure AD

Houston, TX

Aug 2017 - Apr 2018

### QRI International, LLC

Software Engineer Intern | *Corporate Analytics Team*

- Developed and deployed qDCA, a new visualization platform: [qdca.qrigroup.com](http://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

Houston, TX

May 2017 - Jul 2017

## PROJECTS

### OwlSecurity | *CodeRED*

- 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

<https://goo.gl/AdxKhv>

### defBeats | *PennApps XV*

- 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

<https://goo.gl/yoHq2S>

### Cardify Flashcards

- 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

<https://goo.gl/BMxAtV>

## SKILLS

**Languages:** Java, JavaScript/TypeScript/ES6, C, Python

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