

Kevin Zhu

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Education

University of California, Berkeley

- **Expected Graduation:** December 2021
- **Major:** Computer Science (3.6 GPA)
- **Relevant Coursework:** Database Systems, Algorithms, Computer Architecture, Data Science

Experience

Bill.com | *Software Engineering Intern (Full Stack)*

June 2020 – Present

- Implemented new Angular-based status page used by 70% of all Bill.com customers
- Constructed GraphQL layer to connect backend API to frontend using Apollo Server
- Developed API endpoints in Bill.com core product using Java to filter and sort bills and invoices

Codebase | *Software Developer*

August 2019 – June 2020

- Built a full stack web application for Middesk, saving the startup over 250 hours of development
- Implemented from scratch using React and PostgreSQL, using Ruby on Rails for the backend
- Structured backend to make POST requests to Middesk's API and to cache current session data

X-Matik Inc | *Software Engineering Intern*

June 2019 – August 2019

- Designed PCB components of a self-driving add-on kit
- Built and conducted firmware tests in C to ensure components were functional and reliable
- Wrote software in Python to process and analyze telematics data from vehicles

Skills

- **Languages:** Java, Python, C, JavaScript, SQL, HTML/CSS
- **Frameworks and Tools:** Angular, React, Oracle DB, JUnit, Node.js, PostgreSQL, jQuery
- **Design:** SOLIDWORKS PCB, Photoshop, Illustrator

Projects

NPM Resume Package | *Node.js, Chalk, Inquirer, NoSQL, RestDB*

January 2020

- Created an installable CLI app that runs an interactive version of my resume
- Makes POST requests to my API to allow user to send me text messages
- Published on npmjs.com (<https://www.npmjs.com/package/kevinzhu>)

HealthClear | *JavaScript, Python, Flask, BeautifulSoup, Bootstrap, jQuery*

March 2019

- Built web app to improve healthcare transparency by finding cheapest hospital costs
- Leveraged Google Maps API to draw customized maps and Uber API for real-time ride data
- Scraped hospital data using BeautifulSoup from an online database

Mobile Melanoma Tracker | *Android Studio, Firebase, Google Cloud Platform, MATLAB*

February 2019

- Built Android app that uses computer vision to track progression of melanoma
- Used Firebase and Google Cloud Platform to perform image processing and storage