Kevin Zheng

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Work Experience

Boeing Distribution Services, Inc. - HCL Technologies | Software Developer   **August 2021 - Present**
- Analyzed the functional requirement and proposed a technical resolution.
- Mapped the technical design for the program or enhancement necessary.
- Modify documents that deal with the design of the program, the purpose of the program, what issues it's trying to solve, the requirements, the databases where it's getting its data, and other systems that are involved with the program.
- Developed the solution using Java, ABAP, and OpenSQL coding languages.

UofSC Research Computing Group | Undergrad Research Assistant   **February 2020 - August 2020**
- Full-Stack web development that processed, analyzed and rendered data visually.
- Performed Agile development practices, with recurring meetings for standups, planning, and refinement.

Grand Strand Technology Council | Internship / Workshop Tutor   **January 2017 - June 2017**
- Co-hosted workshops in Java and JavaScript with an average of 19 students.
- Taught students the fundamentals of programming, problem-solving, and algorithm design by using a personalized project-based approach to guide students through building their applications with JavaScript, HTML, and CSS.

Selected Project   Github:https://github.com/42kevinzheng

C# ASP.NET Image Gallery CRUD Application
- CRUD Application to create images, retrieve images, update images, and delete images.
- Implemented with C# and ASP.NET.
- https://github.com/42kevinzheng/CSharpImageGallery

Power-BI-Kickstarter-Graphs
- Display the geographic distribution of users who create Kickstarter campaigns and display the geographic distribution of categories, and the frequency of successful certain categories that have gotten funded.
- Find trends in the Kickstarter dataset to see which categories and products received the most funding.

Image Gallery MERN Stack CRUD Application
- Users can create images, retrieve images from the database, update/edit images, and delete images from the database.
- Hovered over the image to see details of the image and click on the image to begin the slideshow.
- https://github.com/42kevinzheng/Image-Gallery-MERN-Stack-Frontend/tree/main/client

iTipper Android App
- An android app that acts as a solution for users to be able to record tips on the fly, keep track of how much they are earning and be able to help users budget better.
- Developed Firebase OAuth for login and retrieved data from the Firebase database into visual representations.

Skills/Interests

- **Computer Languages:** Java | C# | JavaScript | HTML | CSS | SQL | ABAP
- **Tools:** Maven | React.js | Git | MongoDB | Mongoose | Express | Node.js | ASP.NET | SAP ABAP
- **Spoken/Written Languages:** English (Native) | Mandarin Chinese (Intermediate)

Education

University of South Carolina   Columbia, SC
Bachelor of Science: Computer Science (Cumulative GPA: 3.7/4.0)   September 2016 - May 2020

Selected Coursework (Upper Division Course *)

- **Computer Science:** Algorithmic Design I &II | Data Structure & Algorithms | Operating Systems | Intro to Computer Networks | Advance Programming Technique | Foundations of Computation | Programming Language Structures | Text Processing *| Data Visualization * | Database System Design * | Artificial Intelligence *
- **Math:** Calculus I & II | Vector Calculus | Discrete Math | Statistics for Engineers | Applied Linear Algebra