

# Manjuan He, Software Engineer, Bilingual Teacher

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Seeking a position as a Full Stack Junior Software Engineer. I am a strong communicator and problem solver who is eager to take challenges and learn. As a former lead teacher and an instructional coach, I have a history of organizing and communicating data-driven reports to provide resources for parents, school teachers and school districts to help achieve students' learning goals. I currently work as a Teaching Assistant at a bootcamp supporting students with learning to code.

## **SKILLS**

JavaScript, React, Redux, Python, Node, Express, SQL, PostgreSQL, Sequelize, MongoDB, RESTful API, EJS Templating, AJAX, HTML, CSS, Bootstrap, MUI, Git, GitHub, JSON Web Token, Socket.io, Passport.

## **PROJECTS**

### **A Cup of Java** - [GitHub](#)

Mar 2023

- A non-profit project for the JPMorgan Hack For Good Hackathon.
- Full-stack web app I created with 5 teammates for users to create an account as either an admin or a regular user. An admin is able to create different projects to help build a sustainable community, while a user can see all the projects and upvote/downvote projects.
- **Built with:** JavaScript, React, RESTful APIs, HTML, CSS, Bootstrap, Java, Spring Boot

### **Safe Seats** - [GitHub](#)

October 2022

- Full-stack web app I created with 3 teammates for users to create an account to search restrooms and save restroom spots in the database. Users can also use the built-in map to navigate to the destination.
- **Built with:** JavaScript, React, Redux, JSON Web Token, MongoDB, HTML, CSS, Bootstrap

### **Exercise Buddy** - [GitHub](#) | [App](#)

October 2022

- Front-End web app I created to allow users to search for various types of exercises with detailed information including trained body parts, difficulty levels, equipment, instruction and videos.
- **Built with:** JavaScript, React, Redux, HTML, CSS, Bootstrap

### **Where's My Money** - [GitHub](#)

September 2022

- Back-End web app created by a 4-person development team that allows users to create an account to track their expenses and income and plan for budgets.
- **Built with:** JavaScript, ExpressJS, EJS, PostgreSQL, Sequelize, Passport, jQuery, Chart.js, HTML, CSS, Bootstrap

### **Band Website** - [GitHub](#)

August 2022

- Back-End website I created for a band to retrieve all albums, tracklist from a Json database. The website also integrates features for users to leave feedback and online live chat.
- **Built with:** JavaScript, Node, EJS, Express, Socket.io, HTML, CSS, Bootstrap

### **Along the Way** - [GitHub](#)

August 2022

- Front-End web app created by a 3-person development team that allows users to find routes for a trip, nearby restaurants along the road and a 3-day weather forecast of the destination place.
- **Built with:** JavaScript, API, HTML, CSS, Bootstrap

### **Blackjack**- [GitHub](#) | [App](#)

August 2022

- Front-End web app I created to allow users to play bet virtually and play blackjack.
- **Built with:** JavaScript, DOM, HTML, CSS, Bootstrap

## **EDUCATION & CERTIFICATION**

DigitalCrafts Bootcamp, *Computer Software Engineering* July 2022 - October 2022

- Full-Time Full Stack Developer Program to be proficient with Python, Javascript, React and more skills

University of Idaho, *Bachelor of Science, Elementary Education* Jan 2015 - May 2018

- Graduated with Summa Cum Laude and a Cumulative GPA of 4.0

## **MOST RECENT WORK EXPERIENCE - No current or future sponsorship needed**

**Bootcamp Teaching Assistant**, DigitalCrafts, Remote Feb 2023 - Current

- Work in a full-time immersive web development class to support students' learning in JavaScript, React, Node, Express, SQL and more languages
- Provide troubleshooting and solutions one-on-one or in a group setting with students on their projects and assignments

**Instructional Coach**, Houghton Mifflin Harcourt, Remote Dec 2022 - Feb 2023

- Facilitate in person and online training to educators across the US and abroad
- Provide customer-facing training and PLC meetings to leverage educators' lesson planning, differentiated planning, data-driven assessments and improve students' performance
- Utilize Salesforce and other digital platform to communicate and manage service assignments

**Certified Teacher**, Mandarin Immersion Magnet School, Houston, TX Aug 2018 –June 2022

- K-5 Math and Science Department Lead Teacher
- Nominated for Wilhelmina C. Robertson Excellence in Science or Mathematics Teaching Award
- Developed curriculum and lesson plans, organized teaching materials, data-driven reports to maximize teaching efficiency and meet students' individual learning needs and goals.