

# SARA PARK

Software Engineer | Los Angeles, CA | (469) 569-6591

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## TECHNICAL SKILLS

**Languages** | Javascript, TypeScript, HTML, CSS, SQL

**Front End** | React, React Native, Redux, GraphQL, Tailwind, Styled Components, jQuery

**Back End** | Node.js, Express.js, Axios, MySQL, SQLite, PostgreSQL, MongoDB, Sequelize, REST API, Firebase, Auth0

**Testing & Deployment** | Jest, Mocha, Chai, Artillery, AWS

**Other** | Git, npm, Babel, Webpack, Agile Methodology, Contentful, Optimizely

## WORK EXPERIENCE

**Chegg** | Santa Clara, CA

April 2023 – May 2025

**Software Engineer II**

- Strengthened security and compliance by implementing VPN detection, ensuring 4% of subscriptions circumventing region-specific pricing were charged the correct rate for their respective country
- Integrated Recurly as Chegg's vendor-based commerce solution, collaborating with cross-functional teams to optimize checkout flows, achieving a conversion rate within 2% of the legacy system
- Revamped the frontend platform by redesigning UI, fetching data via GraphQL, implementing error handling, and using Redux for seamless state management
- Set up A/B testing in Optimizely, configuring targeted audience and applying experimental code per product requirements
- Enabled local currency presentation (KRW) in South Korea and completed a 100% rollout for all South Korean users

**Newman Smith High School, Carrollton - Farmers Branch ISD** | Carrollton, TX

August 2019 – July 2022

**High School Mathematics Teacher & Algebra 2 Team Lead**

- Developed a year-long Algebra 2 online curriculum by creating an interactive classroom webpage utilizing Canvas, Desmos, HTML, and CSS which increased student engagement and productivity by 95%
- Instructed Algebra 1, Algebra 2, and Pre-AP Algebra 2 aligned with the state curriculum standards to 170+ students per year
- Supervised and supported 4 math teachers in adapting to online and hybrid curriculum during the COVID-19 pandemic

## SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

**Merge** | personalized health records mobile app

January 2023

**Full Stack Software Engineer**

- Developed a full stack CRUD application with React Native, allowing 3,000 daily active users to self-organize and maintain up-to-date health records stored in a PostgreSQL database
- Integrated a secure authentication system using Firebase that strengthens privacy and improves the sign-in and sign-up experience for end users by enabling up to 100 new account creations/IP address/hr and up to 10 account deletions/sec

**Fuzzy Friends** | social networking app for pet owners

January 2023

**Full Stack Software Engineer and UI Design Lead**

- Led 6 full-stack engineers to architect features like login, discovery mode, profiles, scheduling, and a real-time chat component that enables users to interact with their matches and view their matches' profiles
- Designed wireframes and reusable UI templates to ensure consistency and align with business requirements

**Orchid** | ecommerce website using mock API of products

November 2022 – December 2022

**Front End Engineer**

- Built React components for related products, outfit lists, carousels, and a comparison modal to enhance UI functionality
- Built a JavaScript local storage feature for persisting user-customized outfit lists and implemented a RESTful API backend with an Express server deployed on an AWS EC2 instance

**Back End Engineer**

- Performed an ETL process to transfer application data into a PostgreSQL database, using Sequelize to write optimized queries
- Engineered the backend to handle traffic by indexing and optimizing queries, achieving an average response time of 1 ms
- Conducted stress testing on all API routes with Artillery, supporting load capacities of up to 1,000 requests per second

## EDUCATION

**UIW School of Osteopathic Medicine**

Medical School Acceptance

January 2023

**Hack Reactor**

Advanced Software Engineering Certificate

January 2023

**Texas Teachers**

Full Tuition Scholarship Recipient

May 2019

**The University of Texas at Austin**

Texas Educator Certification (Mathematics 7-12)

May 2018

Bachelor of Science & Arts in Biochemistry

May 2018

Minor in Spanish, Business Foundation Certificate