DAVID **ZHENG**

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SKILLS

Languages	JavaScript, TypeScript, Python, Ruby, HTML, CSS, SQL, NoSQL
Libraries and Frameworks	React, Redux, Rails, GraphQL, Express.JS, Node.JS, ChartJS, Canvas, PostgreSQL, MongoDB
Tools	Git, Tailwind CSS, AWS S3, Heroku, Google APIs, RSpec, Jest, Trello, Webpack, jQuery

PROJECTS

REM32 - *a Clone of 500px, a global online photo-sharing platform*   **live | github**

Full-Stack Engineer | React, Redux, Javascript, Ruby, Rails 5, AWS S3, PostgreSQL)
- Developed a secure and scalable user authentication and authorization solution using Rails validations and PostgreSQL to protect user data and grant users the right to manage their own information.
- Streamlined the photo storage and organization process by using Rails ActiveStorage with AWS S3 for photo storage and organization to reduce server load and increase overall scalability of the application.
- Implemented a modern React application using React Hooks and React Router to provide a seamless user experience.
- Deployed Redux to manage global state in a scalable and efficient way, ensuring that the application remained responsive even under heavy load.

Picka Pet - a Pet application for pet enthusiasts to care for virtual pets   **live | github**

Lead Frontend Engineer | MongoDB, Express, React.JS, NODE.JS (MERN)
- Utilized best practices for version control and code management by using GitHub workflows to build a complex web application using the MERN stack in a 4-5 day time period.
- Designed and implemented a user-centric authentication system that uses Passport middleware and JSON Web Tokens to give users control over their data and ensure their privacy is protected.
- Spearheaded the development of the frontend user interface and implemented a variety of animations using CSS5 and keyframes.

PM25 - A interactive JavaScript data project detailing Air Pollution globally   **live | github**

JavaScript Developer | JavaScript, Canvas API, ChartJS
- Designed background and animations through the use of JavaScript, Canvas API and ChartJS library to display various data sets from multiple countries in an interactive and informative environment.
- Implemented a search feature using JavaScript to enable filtering of countries to provide a nice user experience.

Work EXPERIENCE

Accounting Assistant | *William Schwitzer & Associates*   **Aug 2018 - Aug 2020**
- Analyzed multiple company accounts to prepare weekly aging reports to ensure accurate records and reduce errors.
- Assembled proficient Excel macros to compile key company data and reports in combination with Microsoft Access Database to ensure accurate client information.
- Performed administrative duties by maintaining account receivables, invoice payments and reconciling multiple monthly bank statements through the proficient use of QuickBooks software.

Front Desk | *Windsor Hotel & New World Hotel*   **Oct 2016 - July 2018**
- Documented 100+ daily reservations using Maestro PMS to ensure efficient property management with no overlapping and no overbooking.
- Generated a welcoming environment to ensure customer satisfaction and guarantee personalized service increasing the customer base by 30%.
- Balanced daily cash amounts by generating reports to certify accurate accounting of all transactions.

EDUCATION

Baruch College   **Sept 2016 - June 2020**
- Bachelor of Business Administration

Full Stack Development | AppAcademy   **Mar 2022 - July 2022**
- 16-week immersive full stack web development intensive program focused on full-stack web development.
- Graduated top 1% of cohort