Kamyar A. Mivehchi

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PROJECT EXPERIENCE

Typing Speed Test *typescripts-react.herokuapp.com/* | *github.com/Kam-Mivehchi/TypeScripts2-FrontEndp*
- Developed a cross-browser compatible React.js front end using Tailwind CSS.
- Rewrote previous Handlebars front-end in React and integrated REST API's using Axios.
- Resolved browser rendering issues for use across multiple platforms.
- Technologies: React Hooks, ES6, Typescript, CSS3, Axios.

Spotify Companion Application *banger-alert-redux.herokuapp.com* | *github.com/Kam-Mivehchi/BangerAlert*
- Created React components from scratch using Bootstrap Library.
- Utilized state and React hooks to connect client interface to Spotify Web API.
- Established connection to Spotify API via OAuth.

Workout Wizard *kam-mivehchi.github.io/project-1* | *github.com/Kam-Mivehchi/project-1*
- Wrote cross-browser compatible HTML/CSS/JavaScript.
- Collaborated with a team of 4 via zoom to create a responsive Web app for exercise enthusiasts.
- Technologies: HTML, JavaScript, CSS, 3rd Party API, Git.

PROFFESIONAL EXPERIENCE

R&D Analytical Chemist *Shepard Bros. Inc , La Habra, CA*   **Dec. 2020 – Present**
- Developed 2 products to resolve cleaning and sanitation issues for multiple clients.
- Reduced manufacturing cost of a product by $75,000 by reformulation and concentration.
- Trained 3 quality control technicians and verified over 500 production samples.

Civil Engineering Intern *BDP Envirotech , Rialto, CA*   **Aug. 2019 – Jan. 2020**
- Supported Project Manager (PM) and lead engineer for the BDP Water Treatment Pilot Project.
- Identified and resolved daily construction and safety hazard issues on the job site.
- Compiled daily reports and documented work permits to ensure a safe work environment.

Operations Management Intern *GreenTech California, Irvine, CA*   **Jun. 2019 – Sep. 2019**
- Implemented Agile Project Management strategies to manage and train a six (6) person team.
- Coordinated a strategy to apply for EPA grants to fund Irvine Ranch Nanobubble Pilot Project.
- Collaborated with other team leaders to facilitate the design of small-scale prototypes.

Undergraduate Researcher *Bartels Research Lab, Riverside, CA*   **Dec. 2017– May 2019**
- Examined electrochemical properties of semiconductors, focused on dichalcogenides growth.
- Designed experimental procedures, modified design to grow stable, pure sheets of MoS_2.
- Analyzed growth samples using IR and Raman Spectroscopy.

TECHNICAL SKILLS

Front-End: React.js, HTML5, jQuery, Tailwind CSS, CSS3, React Hooks, Bootstrap, AJAX, JavaScript
Back-End: Node.js, Express, APIs, SQL, NoSQL, MongoDB, OOP, ORM, User Auth, Git, NPM

EDUCATION

University of California, Irvine   **Mar. 2022**
Certificate in Full Stack Development

University of California, Riverside   **Dec. 2020**
Bachelor of Science, Chemistry