

# Kamyar A. Mivehchi

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## SUMMARY

R&D Analytical Chemist and Full Stack Web Developer with experience in product development and process improvement. Seeking a web development position in need of an experienced problem solver that is adaptable, collaborative and motivated to learn. Possesses a B.S. in Chemistry and a Certificate in Full Stack Web Development from the University of California, Irvine.

## PROFESSIONAL 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.
  - Facilitated the upgrade from bench work phase, pilot phase, to production phases.
  - Performed analytical analysis using ICP, FTIR and spectrophotometry to analyze client samples.
- Civil Engineering Intern** *BDP Envirotech , Rialto, CA* **Aug. 2019 – Jan. 2020**
- Assisted 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<sub>2</sub>.
  - Analyzed growth samples using IR and Raman Spectroscopy.

## PROJECT EXPERIENCE

- Spotify with Lyrics Companion Application** | [banger-alert-redux.herokuapp.com](http://banger-alert-redux.herokuapp.com)
- Designed and implemented UI/UX front-end React components using Bootstrap Library.
  - Utilized state and React hooks to connect client application to Spotify Web API
  - Established connection to Spotify API via OAuth.
- Typing Test** | [github.com/Kam-Mivehchi/TypeScripts](https://github.com/Kam-Mivehchi/TypeScripts) | [typescripts-btc.herokuapp.com](http://typescripts-btc.herokuapp.com)
- Spearheaded front-end design by formatting the layout, implementing virtual keyboard, and styling with CSS.
  - Established client side rendering to connect front-end to back-end
  - Technologies: HBS template, Javascript, CSS,git
- Workout Wizard** | [github.com/Kam-Mivehchi/project-1](https://github.com/Kam-Mivehchi/project-1) | [kam-mivehchi.github.io/project-1](http://kam-mivehchi.github.io/project-1)
- Responsible for establishing and styling front-end components of the workout application.
  - Collaborated with a team of 4 via zoom.
  - Technologies: HTML, Javascript, CSS, 3rd Party API, Git

## EDUCATION

- Certificate in Full Stack Web Development** | *University of California, Irvine* **Mar. 2022**  
Scope: React.js, JavaScript, MySQL, MongoDB, Node.js, Express, API, HTML, CSS
- Chemistry, Bachelor of Science** | *University of California, Riverside (UCR)* **Dec. 2020**

## SKILLS

**Front-End:** React.js, HTML, TailwindCSS, CSS, Photoshop, Illustrator  
**Back-End:** Node.js, Express, APIs, OOP, ORM, SQL, noSQL, MongoDB, Sequelize, Mongoose, Git