

# BEN CHA

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## SUMMARY

- Full stack web developer leveraging a background in science education to solve problems using technology
- Self-driven professional who strives for high standards through proactive research, reflection, guidance, and feedback
- Proficient in developing effective applications through organization, precision, problem solving, and collaboration

## TECHNICAL SKILLS

- Front-end: HTML5, CSS3, JavaScript ES6, Bootstrap, jQuery, AJAX, Handlebars, PWA, Webpack, React
- Back-end: Node, Express, MySQL, MongoDB, GraphQL, MERN Stack, REST API, MVC architecture, OOP (JS)

## PROJECTS

**prepUrself** • App: [bencha27.github.io/prepUrself](https://bencha27.github.io/prepUrself) • GitHub: [github.com/bencha27/prepUrself](https://github.com/bencha27/prepUrself)

- Meal planning app to search recipes by criteria and save them to a weekly calendar
- Role: Front-end – Integrated 3rd party API; conceptualized & implemented scheduling calendar page
- Tools: HTML, CSS, JavaScript, Bootstrap, jQuery, API, Google Fonts, GitHub

**Guardian Guide** • App: [guardian-guide-1222.herokuapp.com](https://guardian-guide-1222.herokuapp.com) • GitHub: [github.com/bencha27/Guardian-Guide](https://github.com/bencha27/Guardian-Guide)

- Task management app for members of households to keep track of their tasks and events in one place
- Role: Front-end – Collaborated to design & develop UI/UX; coordinated with back-end team
- Tools: HTML, CSS, JavaScript, jQuery, Node, Express, MySQL, REST API, Handlebars, Materialize, GitHub, Heroku

**Virtual Book Club** • App: [radiant-lowlands-09888.herokuapp.com](https://radiant-lowlands-09888.herokuapp.com) • GitHub: [github.com/bencha27/virtual-book-club](https://github.com/bencha27/virtual-book-club)

- Social media app where users can post reviews and comments on books
- Role: Sole author – Engineered entire front-end and back-end from scratch
- Tools: HTML, CSS, JavaScript, Bootstrap, Node, Express, MongoDB, React, GraphQL API, JWT, GitHub, Heroku

## RELEVANT EXPERIENCE

**Full Stack Coding Boot Camp Certificate** • University of Denver, Denver, CO Oct. 2022 – Jan. 2023

- 12-week intensive program focused on full stack web development skills, including HTML5, CSS3, JavaScript ES6, jQuery, Node, Express, MySQL, MongoDB, Handlebars, React, agile methodology, Git

## ADDITIONAL EXPERIENCE

**Science Department Chair, High School Teacher** • Nea Community Learning Center, Alameda, CA Jan. 2018 – Jun. 2022

- Overhauled science curriculum and implemented pedagogical practices based on industry standards, research-based strategies, and diverse technologies, improving student engagement, learning experience, and academic performance
- Utilized excellent organization skills, attention to detail, problem solving, and communication to establish clear, efficient systems that streamlined classroom operations, enhanced user experience, and promoted student empowerment
- Worked collaboratively in interdisciplinary meetings and committees to achieve and evaluate organizational and departmental objectives, including accreditation, improving curriculum, implementing equity-focused policies
- Effectively managed the Science Department, modeling leadership skills and professionalism, spearheading curriculum enhancement, mentoring new staff, supporting teachers, maintaining liaison between teachers and administrators
- Rapidly and proficiently adapted instruction and curriculum to remote and hybrid models by incorporating new technologies and innovative methods to provide engaging, accessible instruction to diverse clientele (100+ students)

## EDUCATION & CREDENTIALS

**Master of Arts in Education** • Alliant International University, San Diego, CA Aug. 2020

**Bachelor of Arts in Political Economy** • University of California, Berkeley, Berkeley, CA May 2015