

Kevin Castro Chavez

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Education

Bachelor of Science in Software Engineering (GPA: 3.95)
Brigham Young University-Idaho

Apr. 2021 – Apr. 2024
Rexburg, ID

Achievements:

1st place in Web Design and Development team at the BPA National Competition
developing the Carstro website

Apr. 2023
Anaheim, CA

Skills

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|-----------------------|---------------------|-----------------------|
| • HTML5 | • Unit Tests / Jest | • Firebase |
| • CSS3 / SCSS | • Node JS | • Figma / Prototyping |
| • JavaScript / ES6 | • MongoDB | • Git / GitHub |
| • React / React Hooks | • Express | • Three JS |
| • Context API | • REST APIs | • Blender |

Experience

Teaching Assistant

Brigham Young University-Idaho

Sep. 2021 – Present
Rexburg, ID

- Instruct 40+ students to create first responsive website using valid HTML5 and CSS3
- Support and oversight classroom alongside college professors to help with topics on React, Angular, C# and ASP.NET
- Manage 15+ weekly individual meetings to guide and help students debugging code

Web Developer Intern

Family Search

May. 2023 – Dec. 2023
Lehi, UT

- Developed and maintained high-traffic web pages accounting for 3-5 million page views per day
- Completed stories/tasks and bug fixes using React
- Optimized expensive calculations using React Hooks and Context
- Wrote robust functions according to the GEDCOM X specifications to parse big and complex genealogical data sets
- Converted Figma designs into responsive pixel-perfect web components
- Achieved over 93% code coverage in unit tests leveraging Jest
- Documented code changes and functionality in company's Storybook and Confluence
- Contributed to improve and maintain company's UI library components
- Ran performance audits for two features before releasing using Lighthouse, React Profiler, Splunk and the Network Panel
- Utilized Jira for efficient backlog management, tracking progress, and ensuring timely project completion