

SKILLS

Languages Bash, CSS, HTML, JavaScript/TypeScript, Lua, Python, SQL
Technologies ArcGIS, Browser APIs, Jest, React, SSR/SSG, StencilJS, Storybook, Svelte, Tailwind, Vue
Tools Docker, Git, GitHub Actions, Linux, Vim

EXPERIENCE

- | | | |
|---|---------------------------------------|---------------------|
| Software Engineer | Calcite Design System, Esri (Remote) | 2022–current |
| <ul style="list-style-type: none">• Consolidated code from multiple design system packages into a monorepo.• Implemented automated package versioning, releasing, and changelog generation.• Fixed bugs and developed new features using native browser APIs, including form validation, focus behavior, internationalization, and more.• Mentored newly hired Software Engineer.• <i>Tech:</i> StencilJS, Node, GitHub Actions, Storybook, Jest, Turborepo, Lerna, Frontend frameworks | | |
| Product Engineer | Calcite Design System, Esri (Remote) | 2021–2022 |
| <ul style="list-style-type: none">• Created and maintained continuous integration and automation workflows to increase the team's efficiency, including a script published to NPM for tracking build sizes, and two GitHub Actions published to Marketplace.• Developed new features and fixed bugs for Calcite components (web components).• Assisted with sprint planning, issue prioritization, and quality assurance testing.• Solved technical questions from internal Esri employees and external users.• Wrote internal and external documentation, including coding conventions, API reference, development tutorials, framework starter apps, and concept explanations.• <i>Tech:</i> Same as <i>Software Engineer</i> section | | |
| Developer Products Specialist | Support Services, Esri (Redlands, CA) | 2019–2021 |
| <ul style="list-style-type: none">• Subject Matter Expert in ArcGIS API for JavaScript, Web AppBuilder & Experience Builder.• Created multiple internal Esri applications:<ul style="list-style-type: none">◦ Carpool app to match employees based on commute time and location.◦ Product support-ability search app for case routing.◦ Hardware/device management web app with server side authentication.◦ Web forms for streamlining exam and training requests.• Participated in Hack the Map 4 on Team Medalus. Won First Place in Enterprise.• Virtual speaker at Esri User Conference 2020: Troubleshooting ArcGIS API for JavaScript Queries• Wrote two ArcGIS blog posts:<ul style="list-style-type: none">◦ Using HTML with Popups in the ArcGIS API for JavaScript◦ Server Side Rendering Frameworks with @arcgis/core• <i>Tech:</i> NextJS, Jest, ArcGIS, SQLite, Lunr, MERN stack (MongoDB, Express, React, Node) | | |

| | | |
|--|---|------------------|
| Web/GIS Developer | InfoGraphics Lab (University of Oregon) | 2017–2019 |
| <ul style="list-style-type: none"> • Implemented interactive web mapping applications. • Teaching Assistant for Web Mapping (GEOG 490/590) course. • Presented at NACIS about building interactivity for a digitized, historic timeline. • <i>Tech:</i> D3, Leaflet, High Charts, JQuery | | |

EDUCATION

| | | |
|--|---|------------------|
| Bachelors of Science | University of Oregon (Eugene, OR) | 2014–2018 |
| <ul style="list-style-type: none"> • Majored in <i>Spatial Data Science and Technology</i> with a minor in <i>Computer Science</i>. | | |
| Wilderness EMT | National Outdoor Leadership School (Lander, WY) | 2016 |
| <ul style="list-style-type: none"> • Developed leadership skills during a variety of outdoor expeditions. • Earned five medical/rescue certifications. | | |