Ben Elan

contact@benelan.dev | ⬡ benelan | benelan

SKILLS

Languages	Bash, CSS, HTML, JavaScript/TypeScript, Lua, Python, SQL
Libraries	Express, Jest, Lerna Lit, NextJS, React, Storybook, Svelte, Tailwind, Vue
Technologies	ArcGIS, Docker, Git, GitHub Actions, Linux, Monorepos, NodeJS, SSR/SSG, Vim

EXPERIENCE

Sr. Software Engineer   **Calcite Design System, Esri** (Remote)   **2025–current**

Software Engineer   **Calcite Design System, Esri** (Remote)   **2022–2024**

- 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.
- *Tech:* StencilJS, Lit, Node, GitHub Actions, Storybook, Jest, Lerna, Frontend frameworks

Product Engineer   **Calcite Design System, Esri** (Remote)   **2021–2022**

- 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.

Developer Products Specialist   **Support Services, Esri** (Redlands, CA)   **2019–2021**

- Subject Matter Expert in ArcGIS API for JavaScript, Web AppBuilder & Experience Builder.
- Created multiple internal Esri applications:
    - 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.
- Virtual speaker at Esri User Conference 2020: Troubleshooting ArcGIS API for JavaScript Queries
- Wrote two ArcGIS blog posts:
    - Using HTML with Popups in the ArcGIS API for JavaScript
    - Server Side Rendering Frameworks with `@arcgis/core`
- *Tech:* NextJS, Jest, ArcGIS, SQLite, Lunr, MERN stack (MongoDB, Express, React, Node)

Web/GIS Developer   **InfoGraphics Lab** (University of Oregon)   **2017–2019**
- 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.
- *Tech:* D3, Leaflet, High Charts, JQuery

Intern   **Golden Gate National Parks Conservancy**   **Summer 2017**
- Assisted with the Wildlife Picture Program by cataloging images and supporting logistics (camera checks), habitat restoration, and data management.
- Collected Snowy Plover population data at Ocean Beach and Crissy Field and created an ArcGIS map displaying the findings.
- *Tech:* ArcGIS, SQL, Python

Intern   **Solar City** (San Mateo, CA)   **Summer 2015**
- Assisted the database engineering team using SQL Server by testing a redesigned algorithm to determine projected installation dates and updating solar panel data.
- Assignments involved writing queries, stored procedures, triggers, and SQL Agent Jobs.
- *Tech:* SQL

EDUCATION

Bachelors of Science   **University of Oregon** (Eugene, OR)   **2014–2018**
- Majored in *Spatial Data Science and Technology* with a minor in *Computer Science*.

Wilderness EMT   **National Outdoor Leadership School** (Lander, WY)   **2016**
- Developed leadership skills during a variety of outdoor expeditions.
- Earned five medical/rescue certifications.

National Security   **National Youth Leadership Forum** (Washington, D.C.)   **2014**
- Nominated for a delegation of high school students to learn from national security experts.

Information Security   **University of Southern California** (Los Angeles, CA)   **2013**
- Earned 3 college credits for an intensive summer course on information/cyber security.