

# CAILA BRIDGES

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[GitHub](#) | [LinkedIn](#)

## TECHNICAL SKILLS

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**Languages** | JavaScript, Python, C/C#, HTML/CSS  
**Developer Tools/ Source Management** | VS Code, Visual Studio, Git, GitHub  
**Technologies/Frameworks** | React, NodeJS, Express, MySQL, AWS (EC2)

## PROJECTS (all projects available on [GitHub](#))

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**Fullstack Blog Application, 'Soulithic'** Nov 2023  
*Tech Stack: JavaScript | React, Node.js w/ Express, MySql*

- Engineered a secure and dynamic full stack application using React (frontend), Node.js (backend) and MySQL (database).
- Implemented full CRUD functionality, JWT authentication, and cookies/sessions, ensuring a secure environment for content creation and management.
- Prioritized user-friendly functionalities for intuitive content creation, categorization, and modification, enhancing the blogging experience.

**Python Application, 'Mamba Game'** Oct 2023  
*Tech Stack: Python*

- Incorporated movement mechanics, collision detection, and scoring systems to enhance user engagement.
- Integrated educational elements by displaying fun facts about snakes, fostering learning through gameplay and providing an enriching experience for players.
- Utilized libraries like PIL (Pillow) for image handling and classes for object-oriented game development, showcasing advanced Python skills in game design.

**Web Application, 'Living Histories'** June 2022  
*Tech Stack: HTML/CSS, JavaScript*

- Led the development of a historical web app documenting oral histories and cultural practices of 30+ residents from Kefalonia, Greece, using Figma, HTML/CSS, and Javascript.
- Designed and deployed an accessible UI tailored to the island's demographics with Figma, HTML/CSS, and Javascript.
- Collaborated on enhancing user experience with location-based organization labels, embedded video interviews, and Greek/English translation, resulting in a dynamic platform.

## EXPERIENCE

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**Design Professional** Mar 2023 - Present  
*Ewing Cole*

- Utilized BIM software with Dynamo and PyRevit programming plugins to streamline architectural workflows, showcasing proficiency in software automation and enhancing design efficiency.
- Oversaw seamless transition of project concepts from initial design to final construction documentation, ensuring alignment with objectives and specifications.
- Collaborated cross-functionally, providing innovative perspectives and technical proficiency to drive project advancement and optimize outcomes.

**Architectural Design Intern** Aug 2022 - Mar 2023  
*310 Architecture + Interiors*

- Proficient in 3D modeling software, employing advanced tools for intricate architectural models and realistic renderings, highlighting adaptability and precision.
- Applied analytical thinking and creativity to resolve architectural design challenges and enhance projects, emphasizing strong teamwork and problem-solving skills.

## EDUCATION

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**North Carolina State University** | Bachelor of Environmental Design in Architecture, Minor in Landscape Architecture, GPA: 3.8