Jennifer Gallagher

Software Engineer

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Software Engineer passionate about innovation through technology. I have a keen eye for the demands of diverse scenarios and I consistently seek solutions that transcend mere functionality, infusing inspiration into every endeavor. In my previous role as an instructor I honed my skills of breaking down complex problems and creating innovative solutions that promote both understanding and enthusiasm for the topic at hand. As a software engineer my ambition is to develop creative projects that positively uplift the user experience leaving a positive imprint.

Skills

Software: JavaScript, React, JQuery, Python, HTML, CSS, SASS, Bootstrap, Materialize, PostgreSQL, Express, Node.js, MongoDB, Mongoose, Django, AWS, Git, C++, TypeScript, APIs, GitHub, Debugging

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SOFTWARE DEVELOPMENT PROJECTS   August 2023 - Present

Star Wars Checkers [Repo](#) [Deployed App](#)

Designed a user-friendly "Star Wars" theme checkers game with a strong emphasis on creating an intuitive and engaging user-experience.
- Designed visual elements and layout using HTML and CSS, integrating Star Wars themes and aesthetics to immerse players in the gaming experience.
- Implemented game logic and interactivity, incorporating move validation, turn management, and king functionality.
- Technologies Used: JavaScript, HTML, CSS

Triforce Tracker [Repo](#) [Deployed App](#)

Developed a comprehensive Node application that allows users to review The Legend of Zelda video games
- Full CRUD(Create, Read, Update, Delete) application empowering users to interact with game data (MongoDB)
- Integrated Google OAuth for secure user authentication and authorization
- Utilized RESTful API calls to the IGDB API to fetch and display game details, including summaries and images
- Technologies Used: HTML, CSS, JavaScript, Node, Express, EJS, MongoDB, Mongoose, 3rd party API, OAuth, render.com

TrailTrekker [Repo](#) [Deployed App](#)

Curated a full CRUD Django application that allows users to track their hikes
- Collaborated with two Software Developers in implementing GitHub workflow, code reviews, and Scrum best practices within the team.
- Acted as the GitHub Manager, overseeing version control, facilitating and managing pull requests, and maintaining a comprehensive record of team progress
- Implemented AWS S3 to allow users the ability to seamlessly upload pictures of their hike
- Technologies Used: HTML, CSS, JavaScript, Python, Django, AWS, Materialize

Annoying Socrates [Repo](#) [Deployed App](#)

Created a MERN stack application tailored for students, fostering Socratic-style philosophical discussions
- CRUD application enabling users to curate posts by selecting quotes from the Quotable API
- Incorporates full authentication and React client-side routing for a secure and seamless user experience
- Technologies Used: HTML, CSS, JavaScript, Mongoose, MongoDB, Express, React, Quotable API

PROFESSIONAL EXPERIENCE

Instructor | **The University of Colorado Boulder Philosophy Department** | August 2020-May 2023
- Led dynamic weekly sessions for 150 adult learners, fostering lively and informed discourse on complex and pertinent subjects including abortion, free speech, Black reparations, and dietary ethics
- Spearheaded the establishment of a discussion-driven teaching workshop series, providing a platform for graduate instructors to enhance their pedagogical skills and foster a culture of continuous improvement in teaching methodologies.

- Designed and introduced a groundbreaking course, "Philosophy and Video Games", which had become a permanent and popular addition to the department's curriculum, generating increased student interest and enrollment.
- Distinguished with the Claudia Mills Teaching Prize for outstanding and impactful instruction, based largely on student feedback and innovative pedagogy

Front Desk Operations Coordinator | **Seacoast Lucky Dog Daycare** | August 2019-May 2020
- Proficiently managed and meticulously organized databases and client information using our internal software system, ensuring data accuracy and accessibility for seamless operations.
- Delivered top-tier customer service to clients, maintaining a professional and welcoming demeanor while addressing inquiries, resolving concerns, and facilitating a positive experience.
- Acted as a crucial link between clients and internal staff, skillfully conveying vital information from clients to relevant team members, fostering efficient communication and ensuring client needs were met with precision and timeliness.

Writing Tutor | **The University of New Hampshire Connors' Writing Center** | August 2018-May 2019
- Mentored 30 students to refine their writing skills, enabling them to express their ideas effectively, structure compelling essays, and enhance their overall written communication abilities.

EDUCATION
General Assembly | Software Engineering Immersive| August-November 2023
University of Colorado Boulder | MA Philosophy | May 2022
University of New Hampshire | BA Philosophy and History, Summa Cum Laude | May 2019