

Connor Hehn

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EDUCATION

Fairfield University <i>Master of Science, Software Engineering</i> GPA: 3.97	Fairfield, CT 2022 - 2024
Fairfield University <i>Bachelor of Science, Biomedical Engineering</i>	Fairfield, CT 2016 - 2020

TECHNICAL SKILLS

Languages: Java, Python, SQL, HTML, JavaScript
Frameworks: Spring Boot, Flask
Developer Tools: Git, Terminal, Github, VS Code, IntelliJ IDEA, MongoDB Compass
Concepts: Object Oriented Programming (OOP), Software Development Life Cycle (SDLC), Machine Learning
Databases: MongoDB, SQL Server

PROJECTS

Capstone Project: Multitasking AI Chatbot <i>Python, Flask, JavaScript</i>	Sep. 2023 – Present
<ul style="list-style-type: none">Designed and developed an interactive multitasking chatbot using Flask framework, integrating technologies such as natural language processing (NLP), API integration, voice recognition, and dynamic UI updatesEnhanced user experience by seamlessly integrating Spotify and mapping functionalities into the chatbot interface using a Python Flask backend, providing direct access to music streaming and interactive mapsUtilized version control (Git) for collaborative development, ensuring code integrity and facilitating seamless team collaborationDelivered weekly progress presentations and actively participated in meetings, ensuring transparent communication and alignment with project goals and milestonesLeveraged Hugging Face Spaces for deployment using Docker, enabling global accessibility to the project	
Java Spring Boot Project: Review App <i>Java, Spring, MongoDB</i>	Apr. 2024 – Present
<ul style="list-style-type: none">Developed a full-stack web application using Java with Spring Boot for the backend, HTML, CSS, and JavaScript for the frontend, and MongoDB for the databaseImplemented RESTful APIs with Spring Boot, enabling CRUD (Create, Read, Update, Delete) operations on review entities and adhered to REST architectural principlesUtilized asynchronous JavaScript and the fetch API to perform seamless client-server communication, enhancing user experience by dynamically updating the user interface without page reloadsDeployed the web application to Heroku making the project accessible to users worldwide	
Machine Learning Project: Calf Raise Prediction <i>Python, Machine Learning</i>	Sep. 2022 – Dec. 2022
<ul style="list-style-type: none">Transformed and cleaned raw data to conform to assumptions of machine learning algorithmsStudied new technologies to support machine learning applicationsBuilt prototype machine learning applications and quickly determined application viabilityModeled predictions with algorithms such as Random Forest and Logistic RegressionDeveloped polished visualizations to share results of data analyses	

EXPERIENCE

Junior Accountant <i>David J Hehn CPA P.C.</i>	May 2020 – Present Sea Cliff, NY
<ul style="list-style-type: none">Organize client tax information and prepare individual federal and state tax returnsResolve accounting discrepancies with critical thinking and thorough researchAssist with tax process by preparing records and statements for 10+ businessesAssisted in preparing financial reports for the sale of a \$30M moving and storage facility	