

# LETICIA FERNANDES

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## EDUCATION

### University of Connecticut

Bachelor of Arts

Digital Media Design with Web Development / Design concentration

Cumulative GPA: 3.23/4.0

Storrs, CT

May 2024

### Naugatuck Valley Community College

Associates of Arts and Sciences

Waterbury, CT

May 2020

## PROFESSIONAL SUMMARY

Motivated Full-Stack Software Developer with a strong foundation in computer science and a passion for backend development. Holding a Bachelor's degree in Digital Media Design and Web Development from the University of Connecticut, complemented by two years of Computer Science coursework, I possess a comprehensive understanding of both front-end and back-end technologies. Delivering robust web solutions, including projects like Travel Mate and DeezerSpleeter. I am eager to leverage my technical expertise and collaborative spirit to contribute to innovative projects at a dynamic and forward-thinking organization.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript (Node.js, Express, TypeScript), Python, PHP, Java, HTML/CSS

**Frameworks/ Libraries:** Vue/Nuxt, Next.js, Flask, TensorFlow

**Tools/Platforms:** Docker, Azure, Git, Auth0

**Databases:** MySQL, PostgreSQL

**Other:** WebAuthn API, CI/CD pipelines, PWA development

## WORK EXPERIENCE

### UConn Digital Experience Group

Student Web Developer/Designer

Storrs, CT

May 2023 – May 2024

- Designed and developed modern user-friendly websites for researchers across UConn campuses.
- Utilized HTML, CSS, JavaScript, and PHP, along with CMS platforms like WordPress (Aurora) and Omeka to create functional and visually appealing web pages.
- Collaborated with team members to gather requirements and ensure a responsive, user-friendly interface, leading to a 15% improvement in site usability ratings.

## UNIVERSITY PROJECTS

### Travel Mate - Reddit Travel page

April 2024

- Built a fully-functioning web application using Node.js and Express, with server-rendered pages via Nunjucks.
- Implemented login/authentication using Auth0 and managed user data with PostgreSQL for personalized user experiences.
- Collaborated with a team via GitHub, integrating backend and frontend components, resulting in a seamless user interface.

### DeezerSpleeter - Audio Separator App

Jan 2024

- Designed and implemented an audio isolation application using Flask and Python, deploying through GitHub Workflows and Docker.
- Utilized Spleeter pre-trained models and TensorFlow to separate music tracks into their respective components.
- Deployed the application on Azure cloud services with a CI/CD pipeline, improving deployment efficiency.

### WebAuthn Secrets- PWA file storage with authentication

Dec 2023

- Developed and deployed a responsive Progressive Web App (PWA) using the Glitch hosting platform and a simple Node.js app built on Express.
- Integrated WebAuthn API for passwordless authentication, enhancing security and user convenience.