

Alissa Troiano

Software Developer

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❖ Executive Summary

Passionate Software Developer with experience participating in the full software development life-cycle, from planning to launch, through hackathons and personal projects. A talented engineer, known for strategizing and developing creative, functional software solutions that solve business goals. Seeking an opportunity to join a thriving team and use the latest frameworks and technologies to deliver successful state-of-the-art software.

❖ Technical Skill Set

Languages: Python, SQL, JavaScript, HTML, CSS

Databases: MySQL, PostgreSQL, MongoDB, SQLite3

Frameworks: React, Bootstrap, Pandas, Flask, Django

Server-Side: HTTP & REST API, NodeJS, Python, Docker

Deployment: AWS, Docker, Google Cloud, Heroku

Command Line: Git, VSCode, Bash, Z Shell, PyPi, NPM

Prototyping: Figma, Balsamiq

Version Control: GitHub, GitLabs, Visual Studio Code

❖ Education and Training

06/01/2023	MindsDB AI Developer Convention
01/2020 - 07/2021	Code Institute - Diploma in Software Development
06/2019 - 12/2019	SoloLearn JavaScript Fundamentals
12/2018 - 06/2019	Codecademy Front-End Engineer Skill Path
12/2009 - 05/2012	Fashion Institute of Technology - BS, Advertising Marketing & Communications, 3.8 GPA

❖ Projects

09/01/2023 – 09/18/2023 - Front-End Developer, OBBA

<https://obba-sg.com/>

Led the redesign of a promotional page for Korean BBQ Restaurant in Singapore

- Studied web presence to learn the brand's visual language and create prototypes for new design
- Used React.js knowledge to update components and restructure existing page content
- Wrote custom CSS to improve branding, typography, color palette, and responsiveness

07/17/2023 – 09/09/2023 - Content Creator, MindsDB

[YouTube Channel](#)

Created informational presentations and video walkthroughs for AI company's developer documentation

- Analyzed use cases to determine audio content and visual components for each video
- Studied the company's brand kit and online presence to design visual presentations for videos
- Combined technical knowledge and presentation skills to record short instructional videos

07/01/2023 – 07/31/2023 - Front-End Developer, OLLA AI

<https://chat.olla.ai/>

Spearheaded all front-end development operations for the upcoming launch of OLLA AI's virtual chat interface.

- Studied user experience of competitor products to write user stories and craft a design solution.
- Determined appropriate color palette, typography, and layout to incorporate branding in the final design
- Codified a stylesheet system to enable a smooth engineering hand-off and facilitate consistency

❖ Work Experience

07/2019 - Present - Nanny, Pelham, New York

Oversee after-school activities, homework help, and pet care for family

- Entrusted with daily after-school pickup, activities, and homework help
- Exercise patience to dictate homework and oversee exam preparation
- Employ creativity to bring education and analytical thinking activities into playtime

01/2020 – 07/2021 - Software Development Student, Code Institute

alissatroiano.com

Pursued software development passion by enrolling in program and creating a portfolio of software solutions

- Defined business objectives and performed competitor research to identify user needs
- Wrote user stories to address user needs and propose appropriate software solutions
- Performed situational analysis and made software trade-off decisions to define project features
- Created user flows, wireframes, and prototypes to guide the development of final projects

01/2018 - 01/2020 - Freelance Web Designer

Created an online presence to promote and oversee graphic and website design services

- Used social media and interpersonal communication skills to build an online presence.
- Used Etsy and WordPress to manage inventory, process orders, and accept payments.
- Analyzed customer requests to determine appropriate design solutions

❖ Activities

01/2022 - Present - Hackathon Team, Code Institute

hackathon.codeinstitute.net

Organize and oversee monthly hackathon challenges to mentor software development students

- Collaborate with a remote team to ideate monthly hackathon challenges for students.
- Use GitHub to introduce students to agile development practices and collaborative version control.
- Contribute reusable code during events to demonstrate software development best practices.
- Provide feedback and guidance for junior developers through pull request reviews and live screencasts.

07/2021 - 06/2022 - Beta Tester, GitHub Copilot

<https://github.com/features/copilot>

Reported bugs and unexpected behavior during the technical preview phase to improve the AI's performance

- Monitored AI behavior by using the extension during local development
- Documented bugs, prediction patterns, and unexpected behavior
- Shared observations and bugs with the GitHub Copilot technical preview community

❖ Honors and Awards

07/16/2022 | 1st Place, Code Institute Hackathon | [Emojourney](#) | Travel Guide (HTML, CSS, Bootstrap, JavaScript)

06/20/2022 | 1st Place, Code Institute Hackathon | [Inklusion](#) | Pride Art Gallery (HTML, CSS, Bootstrap, JavaScript)

04/22/2022 | 1st Place, Code Institute Hackathon | [Electrillo](#) | EV/Fuel-Tool (JavaScript, HTML, CSS, JSON)

02/28/2022 | 1st Place, Code Institute Hackathon | [Smitten](#) | Word Game (JavaScript, HTML, CSS, JSON)

11/28/2020 | Merit, Code Institute Milestone 2 Project | [Game of Facts](#) | Trivia Game (JavaScript, jQuery, HTML, CSS)

07/10/2020 | Distinction, Code Institute Milestone 1 Project | [Infinity](#) | Landing Page (HTML, CSS, Bootstrap)