

Sophia Bartolacci

CONTACT & PORTFOLIO

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sophiabartolacci.github.io/

EDUCATION

Bachelor of Science in Computer Science

Minors in Data Science and UI/UX

Drexel University | Philadelphia, PA

- Cumulative GPA: 3.43

- Graduation: June 2027

LANGUAGES

- Python

- HTML, CSS, Javascript

- C

- Java

- Racket

- Microsoft SQL Server, PostgreSQL

SKILLS

- Visual Studio Code

- SQL Server Management Studio

- pgAdmin

- Liquibase

- Azure DevOps Server

- Microsoft Office Suite

- GitHub/GitLab

- Agile, Scrum

- Figma

- WordPress

- Canva

RELEVANT COURSEWORK

- Web Development

- Data Structures

- Systems Programming

- Computer Informatics and Design

- Computer Programming I, II

- Calculus I, II, III

- Multivariate Calculus

PROFESSIONAL EXPERIENCE

JR DATABASE DEVELOPER

April 2024 – September 2024

WEBSTAIRANT STORE | LANCASTER, PA

- Developed table structures and stored procedures for a high-priority project, utilizing PostgreSQL, pgAdmin, and Liquibase in a company-first implementation
- Co-presented to over 100 team members from various departments, showcasing project progress and key developments
- Coordinated with multiple teams using Agile methodologies to deploy scripts to production, ensuring smooth integration and minimal disruption to existing systems

PROJECTS

FULL STACK DEVELOPER

June 2024 – September 2024

DREXEL UNIVERSITY | PHILADELPHIA, PA

- Collaborated with a team of four to develop a web application over five weeks for managing course quizzes, including professor-led course creation and student enrollment using unique invite codes
- Created a role-specific UI interface allowing professors to manage courses and post announcements with restricted features for students
- Designed and styled key UI elements, including the navbar and dark/light mode toggle icons ensuring a consistent and visually appealing interface across the platform

BACKEND DEVELOPER

January 2023 – June 2023

DREXEL UNIVERSITY | PHILADELPHIA, PA

- Developed a web-based educational math game geared towards children with engaging levels for addition, subtraction, multiplication, and division
- Collaborated with a team of three other developers to create backend functionality that generates randomized math problems, validates answers, and tracks scores

WEBSITE DESIGNER

September 2024 – Present

DREXEL ELECTRIC RACING | PHILADELPHIA, PA

- Redesigned and updated the Drexel Electric Racing Club's website using WordPress, ensuring current content and a modern design
- Enhanced site navigation structure by implementing a user-centered design approach, identifying critical user pain points and streamlined access to essential resources