

MAYA J. CHAKRAVARTY

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EDUCATION

St John's University, Queens	December 2023
Bachelor of Science in Computer Science	GPA 3.6

SKILLS

Web Development (<i>HTML, CSS (Cascading Styling Sheets), JavaScript</i>), Software Developing (<i>Java, Java Swing, C++, Python</i>), Database Management (<i>MySQL</i>), Frameworks (<i>React</i>),	Version Control (<i>Git, GitHub, Bitbucket</i>), Development Tools (<i>IntelliJ, Eclipse IDE, Visual Studio Code, MySQL</i>),
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RELATED COURSEWORK & CERTIFICATIONS

<https://github.com/mayachakra>

- Software Engineering Spring 2023
Semester-long group project building a program utilizing Java Swing and MySQL to create an interactive GUI with a client/server model and multithreading implemented
- Software Design Methods Fall 2022
Created a requirements document and worked with a group in creating a mock academic search engine, lambda expressions through Java 8, JUnit testing, design patterns, UML diagrams
- Web Application Development Fall 2023
Utilizing HTML, CSS, and JavaScript to work on multiple web projects throughout the semester

RELATED PROJECTS & EXPERIENCE

Melaninis... Remote Internship	May 2023-July 2023
<i>Website Designer and Optimization</i>	

<https://www.melaninis.co/>

- Utilized Shopify, Canva, HTML, and CSS to create, improve, and renovate the *Melaninis...* website
- Designed and developed a visually appealing and user-friendly website to align with the company's image
- Redesigned pages to increase user functionality and accessibility, and implemented best practices and latest trends to increase engagement
- Optimized the website for search engines (SEO) conducting keyword research, creating meta tags, and implementing best practices for on-page and off-page optimization
- Conducted website audits to identify areas for improvement, such as page speed and mobile responsiveness

Code Ninjas Astoria, NY

June 2021-April 2022

Tutor/Office Manager

- Tutored kids ages 5-14 on skills in each curriculum for computer science utilizing Scratch and Code Ninjas IDE based on Java/JavaScript
- Taught computer science principles to classes of 10 children using CodeSpark, an interactive curriculum that when taught a certain skill, is then implemented towards their assigned game project
- Utilized Microsoft Office for scheduling student pick-ups, contacting clients, and maintaining accurate center status

Carpool GUI Project

January 2023 - May 2023

- Created a program with a group to rent out a vehicle's computational power allowing users to sign up and either rent the power or provide the vehicle power for rental through an interactive GUI using Java Swing
- Worked with MySQL for a functional database to save user account information and input information

Portfolio Site

<https://mayachakravarty.com/>

- Individual class project to create a website using HTML, JavaScript, CSS, and Bootstrap intended to act as a virtual and interactive resume with a functioning navigation bar to different areas of the page and functioning links
- Included exterior images and links and had the site live through GitHub