

# MAYA J. CHAKRAVARTY

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Full Stack Web Developer proficient in Back End development, collaboration, and taking user experience/user interface into consideration. Agile solutionist and adaptive strategist motivated for development on both mobile and web-based platforms. Strong skills in written and verbal communication, planning, and constructing projects in Java, JavaScript, HTML/CSS, and SQL.

## EXPERIENCE

- Sephora** | Union Square, NY, Beauty Advisor *May 2023-Present*
- Maintained an extensive knowledge of the company's brands to best inform and educate clients in sales and demonstrated makeup application techniques and tools
- Melanin Is...** | (<https://www.melaninis.co/>) Remote, Website Designer and Optimization *May 2023-July 2023*
- Increased user engagement, accessibility, and brand visibility through optimization for search engines (SEO) conducting keyword research, creating meta tags, while working to apply this to **front-end** enhancements.
  - Collaborated with the founder to redesign and apply tech trends to ensure an appealing user experience while in line with the company's image and message through front-end redesign through **HTML** and **CSS** within **Shopify**
  - Conducted website audits to identify areas for improvement, such as page speed and mobile responsiveness
- Code Ninjas** | Astoria, NY, Tutor/Office Manager *June 2021-April 2022*
- Mentoring kids ages 5-14 on coding skills utilizing Scratch and Code Ninjas IDE based on **JavaScript**
  - Led classes of 10 in **computer science principles** using Code Spark, for the lesson to be applied to their game.
- Community Federal Savings Bank** | Jamaica, NY, Loan Analyst Intern *January 2021-May 2021*
- Worked with credit department for PPP (Paycheck Protection Program) financial loan applications through the review of provided documents, client consultation, and alerted applicants about their missing information

## PROJECTS

- Time-Savor** | <https://lovertab.github.io/timesavor/> (HTML, Bootstrap, jQuery, APIs) *March 2024*
- Utilized **Kanban** methodologies to handle around 53 tasks and code review to develop a meal request site. Users specify a certain meal and are met with related recipes which search through two APIs for recipes and tutorials
  - Collaborated with team members to prioritize features while adapting to the changing requirements as the project developed and debugging problems that rose from **API fetch** requests, **CRUD** operations and improper displays
- PokéPortal** | <https://pokeportal.onrender.com/> (Node.js, Express.js, Handlebars, PostgreSQL, Tailwind) *April 2024*
- Full stack Pokémon based site through **Agile/Scrum** methodologies with user authentication. Utilized an open-source **RESTful API**, open-source frameworks such as **Node.js** and **Express.js** and a **Model-View-Controller** approach for page layouts, models for **PostgreSQL**, and routing while laying out front-end design through **Figma**
  - Searched through Pokémon API to search for animations/gifs utilizing **Tailwind CSS** for styling front-end
  - Led back-end team with 20+ tasks for **routing** and model structures, utilized **hooks** to encrypt user passwords, **sessions** for login tracking, and provided a functioning login and signup page to pull and store data with the database
  - Found technical solutions with team through **Insomnia** for usability testing, improving our debugging process
- Carpool GUI** | <https://github.com/agonis21/cpoolfinal> (Java Swing, SQL) *January 2022-May 2022*
- Used **Java Swing** and **SQL** for a GUI to rent or provide a vehicle's computational power. Collaborated with team members for a functional login/signup system to store, register, and organize account and rental information.
  - Utilized the **Client-Server** model to ensure that certain features can be displayed based on customer needs and works to provide concurrent execution to serve more than two clients and rent power to multiple clients at a time
  - Implemented the **Singleton Design Pattern** for the controller class to work as an admin, ensuring it has one instance
  - This link is included to represent contributions to the project, <https://github.com/steven-h-rogers/CarpoolUnified>

## SKILLS

**Programming and Database Languages:** JavaScript, HTML/CSS, TypeScript, PHP, Java, Python, PostgreSQL, NoSQL  
**Open-Source Frameworks, Libraries, and Testing:** React.js, Node.js, Express.js, jQuery, JUnit, Jest, Insomnia  
**Version Control Tools:** GitHub, Git, AWS, IntelliJ, Eclipse IDE, Visual Studio Code, MySQL (RDBMS)  
**Software Development Concepts:** RESTful APIs, MVC(Model-View-Controller), TDD(Test-driven- development)  
**Methodologies and Design Patterns:** Agile, Scrum, Kanban, Waterfall, Singleton

## EDUCATION & CERTIFICATIONS

**Certificate, Full Stack Development** - (Columbia University/edX) | *Present-May 2024* *New York, New York*  
**Bachelor of Science in Computer Science, St. John's University** | **GPA 3.6** | *August 2020-December 2023* | *Jamaica, Queens*