

# RUBY GALDEAN

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## TECHNICAL SKILLS

- Development: Python (Pandas, NumPy, Matplotlib), JavaScript (jQuery), HTML, CSS (Bootstrap), Django, React, PostgreSQL, MySQL, Git, AWS, APIs, Chrome DevTools, Figma
- UI/UX: Responsive Design, UI Design Best Practices, Wireframes, UX Testing
- Accessibility: WCAG 2.1, ARIA, Accessibility Auditing (e.g. WAVE)

## TECHNICAL PROJECTS

### **Replenishment Tracker Web App - 9/11 Memorial & Museum** (In Progress)

- Developing a web app with React, Django, MySQL to track museum inventory and flag low stock in real-time across three outdoor sales locations, streamlining a highly manual process.
- Integrating custom APIs, dynamic inventory tables, and manual override features tailored for real-world use cases. Conducted immersion interviews with staff members to gain insight into end user pain points.
- Intending to deploy to AWS Elastic Beanstalk, and implement authentication with the admin panel.

### **One-Button Accessibility Chrome Extension** (2023)

- Created a Google Chrome extension which provides accessibility to individuals with motor issues and physical disabilities, allowing them to navigate websites using only one button.

### **NYC Subway Ridership Visualization** (2023)

- Collaborated with classmates to create an interactive scrolly-telling data story using D3.js and Scrollama.js.
- Charted and mapped pandemic-era ridership decline across boroughs using MTA data.
- Designed for exploratory insight, the project featured dynamic tooltips, color-mapped trends, and a borough comparison as users scroll.

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## WORK EXPERIENCE

### **IT Intern – 9/11 Memorial & Museum** (May 2025–Present)

- Collaborate with the corporate IT team to build a rule-based website chatbot.
- Interviewing staff to gather FAQs from visitors, donors, and schools.
- Creating user personas and designing workflows to reduce workload.

### **Retail Associate – 9/11 Memorial & Museum** (October 2024–Present)

- Consistently meeting KPIs, including surpassing the \$1.25 per transaction donation average and upselling merchandise to 30% of 400+ weekly customers using POS systems.
- Promoting historical products by educating visitors on symbolic significance to increase engagement and donor conversion.

### **Sales Associate – Gap Times Square** (June 2024–April 2025)

- Recognized as High Performing Player of the Month (August 2024) for consistently exceeding sales targets and interacting with 80% or more of the sales floor

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## EDUCATION

### **Columbia University**, New York, NY (Graduated May 2023)

*BA in Computer Science*

**Relevant Coursework:** Data Structures in Java, Strategic Design, Intro to Data Visualization, Intro to User Interface Design, Developing Accessible Interfaces

**Leadership:** Community Chair for Women in Computer Science (WiCS) (2019-2020)