

Gabrielle Sade Barthelmy

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EDUCATION

Washington University in St. Louis - Cumulative GPA: 3.63

Saint Louis, MO

Major: Bachelor of Science, Computer Science

Expected Graduation: May 2027

Minor: Human-Computer Interaction

Relevant Coursework: Data Structures and Algorithms, Human-Centered Design, Managerial Statistics, Web Development, Object-Oriented Programming in C++, Advanced Visual Principles for the Screen, Data Analytics in Python

TECHNICAL SKILLS

Computer: Python, Java, JavaScript, HTML, CSS, Figma, Adobe Creative, React, TypeScript, C#, Excel, Word, PowerPoint

EXPERIENCE

Data Services – WashU Libraries

Saint Louis, MO

Student Data Visualization Assistant

February 2025 – Present

- Support 3D visualization research by assisting users and staff with 3D capture, scene development, and AR/VR tools
- Assist in documenting workflows and developing guides to enhance user accessibility and understanding of visualization tools
- Provide technical support for the AVA studio and collaborate with the 3D Visualization Specialist to improve workflows

NYC Tourism + Convention

New York, NY

Generative AI Specialist, Intern

July 2024 – August 2024

- Created the first draft of the company policy for AI integration and compliance
- Developed custom HTML email templates and brand language GPTs utilizing OpenAI, streamlining in-house marketing operations

PROJECTS

WashU Campus Creamery Rewards App (Figma, React Native, TypeScript)

Saint Louis, MO

Google Developer Groups, Designer and Developer

February 2025 – Present

- Utilize Figma for prototyping and apply user-centered design principles to optimize the mobile experience
- Design and develop responsive front-end interfaces using React Native and TypeScript for the campus ice cream shop's loyalty program app

LEADERSHIP & PROFESSIONAL DEVELOPMENT

SEO Tech Developer

New York, NY

Intern

June 2025 – Present

- Building 3 end-to-end projects, including a secure CLI tool (Crave CLI) and a full-stack web app, using APIs with authorization, unit testing, and database integration.

Breakthrough Tech AI - Cornell Tech

New York, NY

AI Fellow

May 2025 – Present

- Participating in the year-round Break Through Tech AI program, gaining expertise in AI/ML fundamentals using Python, Jupyter Notebooks, and scikit-learn, while learning ethical technology practices.
- Set to work with a partner company on applying AI/ML solutions to real-world challenges and developing hands-on experience in machine learning.

Management Leadership for Tomorrow

New York, NY

Career Preparation Fellow

January 2025 – Present

- Complete business case studies, software engineering assignments, and interview preparation to grow leadership and technical skills
- Attend conferences with industry leaders, such as Deloitte, LinkedIn, BlackRock, and Adobe

Google Code Next

New York, NY

Code Next Engineer

September 2021 – 2023

- Gained hands-on experience in creative coding, 3D modeling, game design (C#), and web development with a focus on object-oriented and user-centered design.
- Placed 3rd in an internal hackathon with a community safety app and received mentorship from Google engineers on software development best practices.

Other Affiliations: Caribbean-American Student Association, National Society of Black Engineers, McKelvey Build Fellowship

OTHER SKILLS & INTERESTS

Intermediate proficiency in Saint Lucian Creole, Art, Badminton, Baking, Language Learning, Music