

ABBY KATZ

CONTACT INFO

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EXPERIENCE

Partners Capital

Software Engineer

05/06/2024 – Present

- Built a bi-directional integration with Canoe, a document ingestion platform, processing tens of millions of dollars in transactions weekly via Snowflake and Azure Functions, saving the firm thousands of hours of manual work annually
- Migrated legacy SOAP-based data flows to a modern RESTful architecture using a Python-based Azure Function App, cutting end-to-end response time by 80% and significantly improving system reliability and maintainability
- Implemented a real-time ETL pipeline that ingests data from a publication-style API and distributes it via Azure Service Bus, reducing cross-platform update latency from over 5 minutes to under 5 seconds
- Led the redesign and implementation of the firm's internal permissions system, eliminating recurring access issues, greatly improving user experience, and saving 200+ hours of engineering and operational time annually

Ascend Learning

Software Engineer

01/09/2023 – 04/19/2024

- Delivered full-stack features using Python, PostgreSQL, JavaScript, HTML, and CSS, improving platform functionality and user experience for hundreds of thousands of users
- Successfully addressed and resolved both major and minor incidents in high-pressure environments, demonstrating a strong ability to remain composed and effective during critical situations
- Awarded *PI Champion*: an award given once every quarter to one individual out of 100+ employees for outstanding performance

Software Engineering Intern

05/01/2022 – 07/20/2022

- Immediately contributed to a small team of engineers, primarily fixing bugs, adding small features, and writing documentation
- Gained a foundational understanding of software engineering best practices and scrum methodologies

Katz Customs

Founder ([instagram.com/katzcustoms](https://www.instagram.com/katzcustoms))

08/01/2019 – 08/01/2022

- Started a company selling custom-painted sneakers and skateboards after identifying an opportunity to design and sell custom artwork on unique mediums
- Designed and sold over 50 unique pieces, generating over \$10,000 in revenue

The Office of Residential Life, Wesleyan University

Resident Advisor

08/20/2020 – 05/20/2022

- Counseled and advised 60+ first-year students on topics including academics, being away from home, sports, and mental health struggles
- Managed administrative duties such as incident reports and work orders

EDUCATION

Wesleyan University '23 Bachelor
of Science in Computer Science

GPA: 3.85/4.00

TECHNOLOGIES

- Python
- Azure Function Apps (serverless)
- Snowflake / PostgreSQL / MySQL
- Azure / AWS
- Claude Code / Codex
- JS / HTML / CSS
- PHP
- C# / .NET

CERTIFICATIONS

IBM Data Analyst Professional Certificate

Hands-on experience with data manipulation, analysis, and visualization, utilizing Excel, SQL, Python, and Cognos Analytics (bit.ly/ak-data-cert)

ACTIVITIES

Host of the "Accessible Intellect" Podcast

August 2023 – Present

Creates free educational content around computer science and mathematical concepts. In the top 10% of Spotify podcasts. (bit.ly/accessible-intellect)

St. Francis House

November 2024 – Present

Volunteers, serving meals and providing support to shelter guests

Mass General Hospital

February 2025 – June 2025

Volunteered, assisting with the safe and timely transport of patients and visitors within the emergency department

Collegiate Varsity Lacrosse

August 2019 – June 2021

Maintained a full, rigorous academic course load with 25+ hours/week as a student-athlete on a top-10 ranked lacrosse team