Ra'Mar Wilson

✉ RaMarWilson1@gmail.com 📞 (609)-816-0815 📍 Philadelphia, Pennsylvania ⦿ Github in LinkedIn

EDUCATION

Saint Joseph's University, *Bachelors of Sciences in Computer Science, Minors in Business and Data science*   08/2022 – 05/2026 | Philadelphia, Pennsylvania

PROFESSIONAL EXPERIENCE

Medidata Solutions, *Software Engineer Intern*   05/2025 – 08/2025 | New York, NY
- Collaborated with a team of 10+ engineers and took a leadership role in architecting the tech stack for an internal web application, ensuring scalability and maintainability.
- Integrated and improved **Immich's facial recognition** within a React-based internal web app to automate image recognition, categorization, and media-asset management.
- Designed and deployed interactive dashboards in **ReportPortal** to visualize automated testing data (Unit, Acceptance, Integration), improving QA transparency and decision-making.
- Authored internal documentation for **ReportPortal** API integration, reducing developer ramp-up time and improving cross-team efficiency.
- Queried **ReportPortal APIs** to power real-time analytics in dashboards without introducing a separate database layer.
- Worked cross-functionally with **QA, DevOps, and Platform Engineering** to tailor tools that supported diverse testing and reporting needs.

Saint Joseph's University, *Student Information Technology Technician*   06/2024 – Present | Philadelphia, PA
- Navigate and manage a Microsoft Azure database containing information for over 19,000 students, ensuring accurate data handling and security protocols.
- Conduct routine maintenance and manage inventory for computer labs to ensure optimal functionality.
- Troubleshoot and resolve various computing and user support issues for university-owned and student-owned systems.

Lavner Education, *STEM Intern*   05/2024 – 03/2025 | Villanova, PA
- Develop and simplify programs to make complex concepts accessible and comprehensible for young learners.
- Lead interactive STEM sessions for groups of at least 5 children, focusing on Python, C++, and Java coding languages.
- Employ ChatGPT and machine learning to engage children in AI concepts, fostering foundational understanding.

PROJECTS

BookBetter   08/2024 – Present
- Building a full-stack booking platform using React, PostgreSQL, and Stripe API for deposits and secure payments
- Implementing role-based dashboards, a rating system, and dynamic routing with React Router
- Designing a responsive, modern UI with Tailwind CSS to support a seamless user experience across devices

Portfolio Website   06/2024 – Present
- Built with React, Tailwind CSS, and Framer Motion to showcase projects, skills, and resume
- Designed responsive UI with smooth animations and interactive scroll-based navigation
- Deployed on Vercel with custom domain and continuous deployment

Bach-Style Music Generation with AI   11/2024 – 12/2025
- Trained a machine learning model using LSTM neural networks to generate music sequences in the style of Johann Sebastian Bach
- Used MuseScore for MIDI rendering and Google Colab for model training and audio generation
- Preprocessed and tokenized classical compositions to teach the model patterns in rhythm, harmony, and structure

SKILLS

Languages — Java, Python, JavaScript, HTML/CSS, **Frameworks** — React, Flask, **Developer Tools** — Git, VS Code, PyCharm, IntelliJ, **Libraries** — Bootstrap, Tailwind, Framer Motion