

HAARIS TOOR

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EDUCATION

Rutgers University, New Brunswick
B.S. in Computer Science, Minor in Economics

Expected May 2027

EXPERIENCE

Founding Software Engineer

Nov 2025 – Present

Lotari

Remote

- Architected backend services and **REST APIs** in **Python** for 3 B2B legal-tech SaaS products, supporting mission-critical workflows and securing live deployments for top-tier enterprise law firms (e.g., **Ropes & Gray**).
- Engineered automated **CI/CD** pipelines using **GitHub Actions** and **AWS**, standardizing testing and deployment workflows to eliminate manual bottlenecks and accelerate production release cycles.
- Led end-to-end development of an AI-powered legal matter intake platform using **TypeScript** and **AWS**, owning the technical lifecycle from initial PRD to production deployment and secure user authentication.
- Reduced monthly infrastructure costs by **10%** by identifying and decommissioning an underutilized **AWS service**, eliminating unnecessary cloud resources while maintaining product-suite functionality.

Summer Lead Teaching Assistant

May 2026 – Aug 2026

Quakerbridge Learning Center

Mercerville, NJ

- Taught core **Java**, Object-Oriented Programming (**OOP**), and Data Structures & Algorithms (**DSA**) to a cohort of 45+ students, contributing to a 90%+ pass rate on the Option 2 'Computer Programming' District exam.
- Created documentation and a [supplemental video series](#) for the staff and program leadership of future cohorts.

PROJECTS

AutoTA (Deterministic Automated Grader)

[GitHub Repository](#)

- Automated grading for 200+ submissions by ingesting data using Google Classroom's **REST API** and running **JUnit tests**, allowing for quickly generating initial grades and detecting missing assignments.
- Improved project safety and reliability by implementing **Docker containerization** of JUnit tests and **GitHub Actions CI/CD** to automatically build the application and run integration tests for every Git commit.
- Structured development by using AI-assisted **Codex Plan mode** to break requirements into implementation tasks, refine project structure, and maintain technical documentation throughout development.

JobMatch (Data Ingestion and Matching System)

[GitHub Repository](#)

- Built a job-ingestion pipeline aggregating postings from 5+ job boards using public **APIs** and **Python** scripts, storing raw data into **S3** and normalized job records in **PostgreSQL** for searchable and repeatable analysis.
- Reduced manual job searching effort by developing a weighted **NumPy** ranking system, filtering and sorting postings based on role, requirements, and career alignment, and generating a daily shortlist of 10+ priority positions.
- Improved reliability by writing **pytest** test cases for job ingestion, data normalization, and ranking logic, ensuring new job sources from API calls or hard-coded entries could be integrated without breaking functionality.

DermAI (AI-powered Web App, Hackathon)

- Trained an **EfficientNet-B0** classification model using **PyTorch** on the SCIN dataset (5,000+ cases), implementing stratified splits and data augmentation to overcome severe class imbalance across 8 condition classes.
- Built a **Flask** REST API with JWT authentication and persistent scan history storage using **SQLite**.
- Developed a **React** frontend for real-time inference visualization and user-driven diagnostic workflows.

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Flask, FastAPI, Django, Node.js, REST/RESTful APIs
Infrastructure: AWS, Docker, GitHub Actions, CI/CD, Linux, Git, CMake
Data & AI: PyTorch, DeepSeek LLM, PostgreSQL, SQLite, Pandas, NumPy
Certifications: Google AI Essentials