

## EDUCATION

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### Syracuse University

Syracuse, NY

*Bachelor of Science in Computer Science; Minors in Management and Statistics*

*Expected Dec 2026*

- GPA: 3.74 / 4.00
- Awards: Success Scholars Award; Dean's List (Fall 2023, Spring 2024, Fall 2024, Spring 2025, Fall 2025)
- Relevant Coursework: Data Structures, Algorithms, Operating Systems, Software Design, Systems & Networks, Probability, Linear Algebra, Statistics

### AI Engineer Bootcamp — AWS SageMaker (Zero to Mastery)

*Advanced Applied Training in NLP and Cloud ML Deployment*

*Completed Dec 2025*

- Completed an intensive, hands-on AI engineering program covering transformer architectures, NLP systems, and production ML workflows.
- Implemented and extended DistilBERT-based models in PyTorch; built custom training, validation, and inference pipelines.
- Deployed and productionized ML systems using AWS SageMaker, Lambda, API Gateway, S3, and Postman for end-to-end inference.

## PROJECTS

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### Spur — Mobile Social Planning App

*Software Engineering (React Native, TypeScript, OpenAI API)*

*Spring–Fall 2025*

- Built and shipped core mobile UI flows using React Native and Expo, including event creation, availability input, navigation, and location-based features.
- Designed and implemented an AI-powered activity suggestion system using the OpenAI API, producing structured JSON outputs consumed directly by the client UI.
- Added guardrails, validation, and fallback handling to ensure reliable AI behavior; implemented caching to reduce redundant API calls and improve performance.
- Implemented GPS and manual location input along with location-based filtering logic to improve relevance of suggested activities.
- Worked in a 4-person Agile team using 1-week sprints; served as Scrum Master twice and completed 13 Jira stories with 70+ hours logged.

### NLP Text Classification System

*Machine Learning (PyTorch, AWS SageMaker)*

*Fall 2025*

- Extended a pre-trained DistilBERT model with custom PyTorch layers to support multiclass text classification.
- Built custom training, validation, and inference pipelines; deployed the model as a SageMaker endpoint and exposed it via API Gateway and Lambda.

## SKILLS

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**Languages:** Python, TypeScript, Java, JavaScript, C, SQL

**Frameworks:** React, React Native, Next.js, Expo, PyTorch

**Tools & Cloud:** Git/GitHub, Jira, AWS (SageMaker, EC2, S3), Supabase, Prisma, Vercel, Postman

**Practices:** Agile/Scrum, REST API design, system design, testing & debugging

## LEADERSHIP & INVOLVEMENT

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### Dikaia Scholar, Delta Upsilon

*Scholarship Chair*

*Fall 2025 – Present*

- Led review of 58 applications and selected 27 recipients for \$30K+ in alumni-funded scholarships.
- Implemented a direct alumni-to-recipient payment workflow, reducing administrative overhead and manual processing.