TAHIR TUZUN

Computer Science Student

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Science

- Maintained 3.8 GPA while taking advanced algorithms and machine learning courses
- Completed senior project on natural language processing
- Participated in competitive programming contests

EXPERIENCE

Research Assistant, "REPLAY" Model

Stony Brook University

- Conducted EDA on 3.3M Gowalla and 9.45M Foursquare check-ins
- Reimplemented REPLAY in PyTorch with improved accuracy
- Enhanced temporal modeling with dual Gaussian encoders

Software Engineering Intern

Pacific Northwest National Laboratory

- Engineered Nanocartographer tool for atomic visualizations
- Built Python backend for real-time data processing
- Collaborated with microscopy researchers on rotation-matrix frameworks

SKILLS

- Programming: Python, Java, C, JavaScript
- Frameworks: React, Node.js, TensorFlow
- Tools: Git, Docker, VS Code