ATANAS S. APOSTOLOV (NASKO)

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EDUCATION

M.S., Civil Engineering, University of Massachusetts Amherst, 2022

B.A., Computer Science and Economics, Sewanee: The University of the South, 2017
Graduated Magna Cum Laude

HONORS AND AWARDS

Graduate Research Assistantship, University of Massachusetts Amherst**,** 2020
Invited to join Networks for Accessibility, Resilience and Sustainability (NARS) Lab.

Seabold Scholarship, The University of the South, 2015
Selected as a recipient of an annual, merit-based scholarship.

Omicron Delta Kappa, The University of the South, 2015
Elected to membership in the national leadership honor society.

Dean's List, The University of the South, 2014, 2017

RESEARCH EXPERIENCE

Research Associate, NARS Lab, July 2020-Present
- Developing a comprehensive modeling framework analyzing the relationship between new COVID-19 cases and fatalities, and mobility patterns.
- Training a convolutional neural network (CNN) for pattern detection and image classification of power lines-vegetation conflicts.

INDUSTRY EXPERIENCE

BNY Mellon, IT Analyst, December 2019 – June 2020
- Optimized the performance of enterprise applications through monitoring and analytics.
- Designed automated alerting solutions.
- Produced technical specifications.

Deutsche Bank, Technology Analyst, July 2017 – September 2019
- Developed components of a Java microservice application.
- Created SQL scripts to verify proper data ingestion.
- Performed functional and performance testing.

Deutsche Bank, Technology Analyst Intern, June 2016 – August 2016
- Implemented a data access layer of a regulatory application.

HealthStream, Software Development Intern, May 2015 – August 2015
- Designed an analysis tool for ranking hospital performance.

LEADERSHIP

Deutsche Bank, Career 360 Employee Resource Group
- Led development of an internal mobility employee-led group's website.

Deutsche Bank, Cure Leukemia Hackathon
- Contributed to a proof-of-concept community-oriented project to help leukemia patients cope with the disease.

The University of the South, Angel Capital Fund
- Analyzed potential start-up investment decisions.

The University of the South, Sewanee Computing Society
- Organized annual seminars for students majoring in Computer Science.