Adam Geringer

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Forward

I am simultaneously a leader and a creative at heart. My unique career path reflects my diverse interests and my desire to make the world a better place. As a lifelong learner, I love connecting with others who share my passion for innovative applications of mathematics to make social change happen. I aspire to be a catalyst for innovation.

Education

Bachelors of Applied Mathematics, NC State   Sep 2016 - Dec 2019
Minor in Cognitive Science · Focus on Machine Learning ·
· Completed 21 hours of graduate coursework ·

Leadership

Executive Director, RDU Crew   Nov 2014 - Feb 2019
· Founded program to increase access to Rowing ·
· Won US Rowing + VA grant · Earned Paralympic Specialist title ·
In the News: Founding · Grant · Homepage

Activator, 10-point Grading Scale   Apr 2014 - Jan 2015
· Met with leadership to change grading system ·
· Inspired community support · Expedited change ·
In the News: Proposal · Adoption · Expedition

Internships

AI Solutions Architect, RTI International   Feb 2019 - Present
· Lead a team exploring novel applications of Machine Learning ·
· Surveyed RTI to index and centralize ongoing ML projects ·

Software Development, Railinc   May 2018 - Feb 2019
· Wrote automated test cases for railroad car alert systems ·
· Invited to continue internship through year ·

Technical Projects

AI Meets Acrocanthosaurus   RTI Intl
· Deployed system to understand patrons' behaviors at NC Museum of Science ·
· Achieved a 9% drop rate for visual occlusions by switching to IR sensors ·

RTeye — Facial Emotion Recognition   RTI Intl
· Compiled Facial Emotion Recognition Dataset ·
· Achieved 94% accuracy with VGG16 architecture ·

Downstream Flooding   Railinc
· Determined scaling factors on downstream service calls ·
· Wrote VBA Script to update pipeline predictors weekly ·

Albatross Migrator   Railinc
· Created tool for translating automated test scripts to Selenium ·
· Automated translation of over 7,000 lines of code ·

Check-it or Ticket,   Academic
· Filed Freedom of Information Act on parking agency ·
· Created Visualization of ticket locations and time ·

Awards

Creative Solution, Railinc Internship Showcase   2018
Volunteer of the Year, the Arc of the Triangle   2016