

# Kyle Macri

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**SUMMARY** Software Engineer with proven success at troubleshooting and problem-solving a wide variety of programming and business problems with innovative solutions. Driven by a never ending desire to learn and challenge myself

<b>EDUCATION</b>	<b>University of Connecticut</b> , Storrs, Connecticut	<b>Georgia Institute of Technology</b> , Atlanta, GA
	<u>Bachelor of Science</u> , 2016	Overall GPA: 3.62
	Management Information Systems	Major GPA: 3.86
	Minor: Computer Science	Minor GPA 3.54
		<u>Master of Science in Computer Science</u> , May 2023 (expected)
		Specialization: Machine Learning
		Current GPA: 4.0

**Completed Masters Courses:** AI for Robotics, Machine Learning for Trading, AI Ethics & Society, Computer Networks

**Project Topics:** Kalman Filters, Particle Filters, PID Control, SLAM localization, Decision Trees, Classification Learners

**TECHNICAL SKILLS** **Programming:** JavaScript, Python, C#, Java, Bash, SQL  
**Technologies/Frameworks:** React.js, Angular, Node.js, Flask, REST APIs, Pivotal Cloud Foundry, ASP.NET, Hadoop, HQL, MySQL, MongoDB, Git, Subversion

**WORK EXPERIENCE** **Travelers Insurance**, Hartford, CT June 2017 – Present  
Software Engineer (October 2020 - Present)

- Built an Angular/Node.js application to organize and analyze logs produced by our main application to assist dozens of employees across a variety of teams and job functions. Allowed a clearer understanding of the data moving between application and various servers.
- Onboarded, trained, and provided job shadowing for new developers on the team. Allowed developers to become productive earlier than previous new hires.
- Reviewed others code for pull requests to the code base to ensure accuracy, reusability and usage of best practices.

Associate Software Engineer (December 2018 – October 2020)

- Developed a microservice architecture based web service running on PCF using Node.js and Python that takes in an address, runs two AI models and returns back the classification of that house's roof shape.
- Successfully launched the above-mentioned service into production with only a small team working on the project; solely responsible for maintaining and upgrading service.
- Worked on migrating our team's main front end application from a legacy JavaScript framework to React.js.

Software Programmer (June 2017 – December 2018)

- Developed code for JavaScript front end application/C# back end application to meet specific business requirements; enhancing thousands of Travelers employees' ability to be able to quote, and issue home & auto policies.
- Analyzed and quickly resolved production issues by utilizing HDFS, Hive, MapReduce, Talend and other technologies.
- Designed a script to automatically backup previously unsaved production data and scripts to Git.

**Google** July 2016 – June 2017

Technical Project Manager – Corporate Platforms Hardware New York, NY (March 2017 – June 2017)

- Responsible for deciding which hardware gets used internally by other Google employees.
- Held regular meetings with external vendors regarding upcoming and un-released hardware.
- Developed, organized, and performed rigorous testing of laptops to decide what met our users' needs best.

Corporate Engineering Support Technician, Ann Arbor, MI (July 2016 – March 2017)

- Provided extensive technical support for Google employees' hardware, software, operating system, network and account privilege issues. Worked under the pressure of time to enable users to get back to their work.
- Improved knowledge of corporate networks and access control via hands on troubleshooting.

**UnitedHealth Group/Optum Technologies**, Hartford, CT June 2015 – August 2015

IT Security Intern

- Performed Vendor Risk Assessments in order to understand vendors' security posture and identify associated gaps.
- Published formal assessment reports and provided information risk management consultation to the business.