

Rohan Varshney

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Education

Georgia Institute of Technology, Atlanta, GA	Graduation May 2021
<ul style="list-style-type: none">B.S. in Computer Science (Modeling/Simulation & Intelligence Concentrations)<u>Relevant Coursework</u>: Data Structures & Algorithms, Object-Oriented Programming, Linear Algebra, Differential Equations, Discrete Math, Computing in MATLAB, Objects & Design, Design & Analysis of Algorithms<u>Affiliations</u>: A-Town Showdown (Marketing Chair), GT Ramblin' Raas (Digital Production Chair & DJ)	
Stanton College Preparatory School, Jacksonville, FL	Graduation May 2017
<ul style="list-style-type: none">International Baccalaureate, National Merit Finalist, National AP Scholar, SAT 2300, ACT 35	

Experience

Microsoft, Software Engineering Intern, Redmond, WA	May 2020 - August 2020
Lyft, Software Engineering Intern, San Francisco, CA	January 2020 - May 2020
Amazon.com, Software Development Engineering Intern, Seattle, WA	May 2019 - August 2019
<ul style="list-style-type: none">Created multiple new features (autocomplete, bookmark migration for favorites) for the Amazon Enterprise Access (AEA) Android app for AWS that improved usability and robustness for the 5000+ (and constantly growing) unique monthly Amazon employees in accessing corporate services from their mobile devicesRefactored numerous modules for improved code reusability & readability across the project's UI componentsIntegrated dynamic service catalog retrieval to substantially reduce the onboarding duration for service access from 1 month to real-time by using multiple AWS services (API Gateway, Lambda, DynamoDB, SNS, S3) to remove dependencies across multiple project packages and automate the process	
Manhattan Associates, Software Engineering R&D Co-Op, Atlanta, GA	January 2019 - May 2019
<ul style="list-style-type: none">Directed the creation of an organizational framework for Call Center UI extensibility through samples created using Angular in a StackBlitz development environment, enabling easy integration into test environmentsImproved the response behavior of an ACE Editor for Cucumber Tests with Java by automating the current configuration that required progress of a Gherkin script to be manually checked, eliminating feedback blockage	
Raytheon, Software Engineering Intern, Indianapolis, IN	May 2018 - August 2018
<ul style="list-style-type: none">Leveraged WireShark and Java for supporting apps and stream specification tools that expedited team Sprint progress for SKRI (Silent Knight Radar Integration), part of the V-22 Osprey aircraft projectDesigned a customizable C# application that allowed User Stories from the Team Foundation Server to be exported seamlessly to PowerPoint, improving Sprint planning and Scrum standup evaluation times facility-wide	

Projects

Automated Algorithms Design, Vertically Integrated Projects, Atlanta, GA	January 2018 - April 2018
<ul style="list-style-type: none">Utilized EMAD genetic programming along with Pareto optimization to create hybrid algorithms that improved existing project solutions (f.e. a model that uses news headlines to predict the effect on stock prices)	
Food Compass, Indy Civic Hackathon, Indianapolis, IN	June 2018
<ul style="list-style-type: none">Oversaw & led the backend efforts for documentation & database creation using Java & JS for a web application that delivered a resource-oriented solution to the food insecurity problem that afflicts Marion County	

Skills

Programming:	Java/Kotlin, C, C#, Python, R, JavaScript/Typescript, MATLAB, HTML & CSS
Software:	Visual Studio, Android Studio, IntelliJ & PyCharm, Eclipse, Jupyter Notebooks, PyCharm, Angular, Git, AWS, Bootstrap, Docker
Interests:	Public Speaking, American football, Music & Video Production (Logic Pro X & Adobe CC), Astronomy & Astrobiology, Dancing (Raas, Bhangra, Bollywood, Step)