

Nick Greenquist

Software Engineer

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Education	New York University , Courant Institute of Mathematical Sciences MSc, Computer Science Machine Learning Concentration GPA: 3.91/4.0	September 2017 - May 2019 New York City, NY
	Rochester Institute of Technology , Golisano College of Computing BS, Game Design and Development Computer Science Minor GPA: 3.92/4.0 summa cum laude	August 2012 - May 2017 Rochester, NY
Experience	Bluecore Software Engineer Intern <ul style="list-style-type: none">- Developed a new email delivery pipeline to decrease CPU costs by 7x (Python, Kubernetes, Datastore)- Helped achieve feature parity by: updating Redis, filtering invalid emails, accessing campaign metadata, integrating Google KMS, handling tracking parameters, and architecting base classes for unit testing- Created a cron job to monitor and alert support team if AdWord campaigns failed (Python)- Wrote and maintained a suite of end to end tests to measure the health of services by using a Gmail API to verify emails arrived after running through the entire pipeline for each ESP (Selenium)	May 2018 - August 2018 New York City, NY
	Enigma Technologies Data Engineer Intern <ul style="list-style-type: none">- Worked on big data ETL workflows to ingest both professional data and public data for Enigma Public- Developed custom data acquisition software as part of an agile Data Engineering team (Python, Pandas)- Ported critical legacy data intake workflows to Airflow by using new data acquisition library	January 2018 - April 2018 New York City, NY
	GeekHive Software Developer Intern <ul style="list-style-type: none">- Developed a cross platform mobile application for a Fortune 500 company (React Native, Typescript)- Created and wired many of the components and screens together (Redux, Router)- Application was a finalist in the 2018 Appy Awards and has been downloaded over 30,000 times	May 2017 - August 2017 Warwick, NY
	eHealth Technologies Software Developer Intern <ul style="list-style-type: none">- Created a HIPAA compliant workflow automation tool that cut process time by 50% (C#, .NET, SQL)	August 2015 - May 2016 Rochester, NY
	New York University Graduate Adjunct <ul style="list-style-type: none">- Lecturer for 2 recitation sections of Data Structures under professors Peterson and Ko	September 2018 - December 2018 New York City, NY
Skills	Languages Libraries/Frameworks Tools Other	C#, C++, Python, Javascript, HTML, CSS, Java, Matlab, Lisp, SQL React Native, Node.js, Socket.io, Scikit-Learn, Pandas, Numpy, Selenium Git, HDFS, Hadoop, Spark, RapidMiner, Command Line, Unity, Maya Machine Learning, Interactive Media, Technical Writing, Public Speaking
Projects	Books2Rec: Machine Learning Meets Reading <ul style="list-style-type: none">- Hybrid Recommender System for books trained on over 6 million ratings from Goodreads and Amazon- Combined a Gradient Descent optimized Latent Factor model with a Content Based model- Trained models using Hyperparameter Grid Search on NYU's High Performance Computing cluster	Python, Pandas, Surprise, Jupyter, Flask
	MultiQuest <ul style="list-style-type: none">- Multiplayer mobile-responsive web game that handles multiple lobbies and players at the same time	HTML5 Canvas, Node.js, Socket.io, Redis, MongoDB, Heroku
	News Articles - Crawler and Classifier <ul style="list-style-type: none">- Web crawler that scrapes 2000 news articles per day and performs classification/clustering	Python, Scikit-learn, BeautifulSoup
Leadership	NCAA Wrestling, RIT Student Athlete Advisory Committee, RIT	Team Captain , 3x Academic All-American Executive Board , Financial Director (Paid)
		2012 - 2017 2013 - 2017
Awards	Academic Awards, RIT Excellence in Student Life Award (2017) IGM Undergraduate Delegate (2017) Outstanding Undergraduate Scholar (2016) Public Speaking Champion (2015)	