

Nick Greenquist

Software Engineer

Email: nickgreenquist@gmail.com

GitHub: github.com/nickgreenquist

Blog: nickgreenquist.github.io/blog

Telephone: (732) 233-1547

LinkedIn: linkedin.com/in/nickgreenquist

Website: nickgreenquist.com/



Education	New York University M.S, Computer Science Machine Learning Concentration GPA: 3.95/4.0	September 2017 - May 2019 New York City, NY
	Rochester Institute of Technology B.S, Game 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 back-end pipeline to decrease costs by over 5x (Python, Kubernetes, Redis)- Created a cron job to monitor and alert engineers if specific services failed (Python, Datadog)- Wrote and maintained a suite of end to end tests to measure the health of services (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 team (Python, Pandas)	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 for the Imaging Department (C#, .NET, SQL)- Cut workflow time by over 50%, reduced human error, and allowed for scaling without additional hiring	August 2015 - May 2016 Rochester, NY
	New York University Teaching Assistant <ul style="list-style-type: none">- Lecturer for 2 recitation sections of CSCI-UA 0102 Data Structures under professors Peterson and Ko	September 2018 - December 2018 New York City, NY
Skills	Languages (Proficient) Languages (Familiar) Libraries/Frameworks Tools Other	C#, C++, Python, Javascript, HTML, CSS C, Java, Scheme (LISP), SQL, MongoDB, Redis, Matlab 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- Try it Out! <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- Built a website to allow users to get recommendations using Goodreads accounts or with individual titles MultiQuest - Play It! <ul style="list-style-type: none">- Multiplayer mobile-responsive web game that handles multiple lobbies and players at the same time News Articles - Crawler and Classifier- View Code <ul style="list-style-type: none">- Web crawler that scrapes 2000 news articles per day and performs classification/clustering	<i>Python, Pandas, Surprise, Jupyter, Flask</i> <i>HTML5 Canvas, Node.js, Socket.io, Redis, MongoDB, Heroku</i> <i>Python, Scikit-learn, BeautifulSoup</i>
Leadership	NCAA Wrestling, RIT Student Athlete Advisory Committee, RIT	Team Captain , 3x Academic All-American 2012 - 2017 Executive Board , Financial Director (Paid) 2013 - 2017
Activities and Awards	Programming Team, NYU Academic Awards, RIT Excellence in Student Life Award (2017) IGM Undergraduate Delegate (2017) Outstanding Undergraduate Scholar (2016) Public Speaking Champion (2015)	Member 2017 - 2018