

Nick Greenquist

Software Engineer

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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 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 - Back-end engineer for the Email Product team (Python) May 2018 - Present New York City, NY
	Enigma Technologies Data Engineer Intern - 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 - 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 - 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 - Prototyped a medical document classifier and customer support sentiment analyzer for the CTO (C#) August 2015 - May 2016 Rochester, NY
	Skills Languages (Proficient) C#, C++, Python, Javascript, HTML, CSS Languages (Familiar) C, Java, Scheme (LISP), SQL, MongoDB, Matlab Libraries/Frameworks React Native, Node.js, Socket.io, Scikit-Learn, Pandas, Numpy, Selenium Tools Git, HDFS, Hadoop, Spark, RapidMiner, Command Line, Unity, Maya Other Machine Learning, Interactive Media, Technical Writing, Public Speaking
Projects	Books2Rec: Machine Learning Meets Reading- Try it Out! Python, Pandas, Surprise, Jupyter, Flask - 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! HTML5 Canvas, Node.js, Socket.io, Redis, MongoDB, Heroku - Multiplayer mobile-responsive web game that handles multiple lobbies and players at the same time
	News Articles - Crawler and Classifier- View Code Python, Scikit-learn, BeautifulSoup - Web crawler that scrapes 2000 news articles per day and performs classification/clustering
	Text Document Clustering- View Code Apache Spark, Pyspark - Spark project that uses a Mapreduce implementation of K-Means to cluster thousands of text documents
Leadership	NCAA Wrestling, RIT Team Captain , 3x Academic All-American 2012 - 2017 Student Athlete Advisory Committee, RIT Executive Board , Financial Director (Paid) 2013 - 2017
Activities and Awards	Programming Team, NYU Member 2017 - 2018 Academic Awards, RIT Excellence in Student Life Award (2017) IGM Undergraduate Delegate (2017) Outstanding Undergraduate Scholar (2016) Public Speaking Champion (2015)