

Nick Greenquist

Software Engineer

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Education	New York University M.S, Computer Science , Machine Learning Concentration GPA: 3.9/4.0	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	Enigma Technologies Data Software Engineering Intern - Worked on big data ETL workflows to ingest both professional data and public data for Enigma Public - Helped develop custom data acquisition software as part of an agile team (Python, Pandas)	January 2018- Present 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) - Worked on an agile team delivering flexible requirements for the client and pushed production level code	May 2017 - August 2017 Warwick, NY
	eHealth Technologies Software Developer Intern - Created a HIPAA sensitive 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) Languages (Familiar) Libraries/Frameworks Tools Other	C#, C++, Python, Javascript, HTML, CSS C, Java, MIPS Assembly, Scheme (LISP), SQL, MongoDB React Native, Node.js, Socket.io, Scikit-Learn, Pandas, Numpy Git, HDFS, Hadoop, Spark, RapidMiner, Linux CLI, Unity, Maya Machine Learning, Interactive Media, Technical Writing, Public Speaking
Projects	Books2Rec: Machine Learning Meets Reading- Try it Out! - Hybrid Recommender System for books trained on over 6 million ratings from Goodreads and Amazon - Combined a Gradient Descent optimized Latent Factor model with feature vectors from book metadata - Trained models using Hyperparameter Grid Search on NYU's High Performance Computing cluster - Achieved Cross Validation RMSE of 0.842 versus 0.887 for traditional Collaborative Filtering methods - Built a website to allow users to get recommendations using Goodreads accounts or for individual titles	<i>Python, Pandas, Surprise, Jupyter, Flask</i>
	MultiQuest - Play It! - Multiplayer mobile-responsive web game that handles multiple lobbies and players at the same time - Player skill progression, multiple weapons and armors, savable user accounts, and global leaderboard	<i>HTML5 Canvas, Node.js, Socket.io, Redis, MongoDB, Heroku</i>
	News Articles - Crawler and Classifier- View Code - Web crawler that scrapes 2000 news articles per day and performs classification/clustering	<i>Python, Scikit-learn, BeautifulSoup</i>
	Text Document Clustering- View Code - Spark project that uses a Mapreduce implementation of K-Means to cluster thousands of text documents	<i>Apache Spark, Pyspark</i>
Activities and Awards	NCAA Wrestling RIT Student Athlete Advisory Committee NYU Programming Team RIT Academic Awards - Excellence in Student Life Award - IGM Undergraduate Delegate - Outstanding Undergraduate Scholar - Public Speaking Champion	RIT Team Captain, 3x Academic All-American Executive Board - Financial Director (Paid) Member 2012 - 2017 2013 - 2017 2017 - 2018 2017 2017 2016 2015