

Nahum Getachew

Email: nahum.getachew@columbia.edu
Website: nahumgetachew.com
LinkedIn: [linkedin.com/in/nahumgetachew](https://www.linkedin.com/in/nahumgetachew)
GitHub: github.com/nahum365

Committed, knowledgeable computer science major at Columbia University interested in full-stack and mobile development.

Education	Columbia University New York, NY <i>Bachelor of Science: Computer Science</i> <i>Coursework:</i> Introduction to Computing in Python, Introduction to Programming in Java, Data Structures in Java, Advanced Programming in C, Discrete Mathematics Community College of Baltimore County Baltimore, MD <i>Dual Enrollment during junior and senior years of high school</i> <i>Coursework:</i> Java Programming, C++ Programming, Introduction to Information Security	Expected 2021 Sept. 2015 - May 2017
Experience	Spectator Publishing Company Software Developer • Working on various products that provide information and services to the Columbia University community, built in JavaScript using React.js. Red Alpha Software Engineering Intern • Researched capabilities of Neo4j graph database in order to design linked data environment for use in government contract project • Worked with Spring Framework, including Spring Boot and Spring Data, to create scalable and adaptable REST API for the linked data environment.	Sept 2018 - Present June 2018 - Aug. 2018
Projects	umusio <i>Free music app for iOS devices— 1 million+ downloads</i> Allowed users to search for music and create playlists in an intuitive user interface comparable to paid services such as Apple Music or Spotify. Algorithm matched songs to YouTube videos and streamed them for free. I was the sole developer & designer. ViQuote (available on GitHub) <i>Projected health insurance premium costs using machine learning</i> Created at YHack 2017. Used a data set from health insurance company ViTech to train a TensorFlow model which was hosted on Google Cloud and accessed from a Python Flask web application. WCHS News <i>iOS application for Catonsville High students</i> Increased student involvement in school activities by providing an on-demand look at announcements normally made over school PA system. Also provided portal allowing students to quickly view their current grades. I was the sole developer & designer. CellularInfo (available on GitHub) <i>iOS application to provide information about current 3G/LTE connection</i> Provided previously unavailable information from the iPhone baseband to the user, both in the form of an easy-to-read app and an automatically updating widget.	June 2014 - Aug. 2016 November 2017 Sept. 2016 - May 2017 Sept. 2016
Skills	Full Stack Development: Java, Python, Javascript / Node.js, HTML / CSS Mobile Development: Objective-C, Swift, Java Database Engineering: Neo4j, MongoDB, SQL	