

Abhi Agarwal - github.com/abhiagarwal

Technical Skills	Excel in: Python; Go; Javascript & Node.JS; Experience with: PHP; C#; C; C++; Java; Mathematica; R; Nginx; Apache Cassandra, ActiveMQ, HTTP Server, log4j; Git; MySQL; MongoDB; Postgres; Redis; Docker; Puppet; CircleCI/TravisCI/Jenkins; AngularJS; Bash;
Coursework	Compiler Construction, Computing with Large Datasets, Database Systems, Algorithmic Problem Solving, Algorithms, Artificial Intelligence, and Simulations.
Selected Professional Experience	<p>BuzzFeed as a hackNY fellow, Software Engineering Intern, New York, NY May-July 2015</p> <ul style="list-style-type: none">• <p>NYU Residential and Housing Department, Software Engineer, New York, NY Jan-May 2014</p> <ul style="list-style-type: none">• Part of a team who built the next residential and housing platform at New York University using a C# & MSSQL stack on the back-end and Javascript on the front-end. Simplified housing process for students and administration at NYU. <p>MedConsult, Software Engineering Intern, Bangkok, Thailand Jan-Aug 2011</p> <ul style="list-style-type: none">• Designed the client-side API, using Play in Java, to allow projects to utilize the medical database, and allow the use of external parameters for the expert system.
Selected Projects	<p>Side-project, Context HackPrinceton Fall 2014</p> <ul style="list-style-type: none">• Given an article from a popular newspaper provide context, such as sentiment data, images, and key entities to create a more informed and efficient reading experience. Won Bloomberg Prize. <p>Learnt.io, Side-project May 2014-Present</p> <ul style="list-style-type: none">• Building an artificial neural network to link information together using Wikipedia as a graph API, and to use this knowledge to give future suggestions on what things to learn. <p>Nexious Medical, Lead Developer Jan 2012-Aug 2013</p> <ul style="list-style-type: none">• Designed a machine learning algorithm, in Java, that implemented MedConsult's medical database to predict diseases individuals could have at altitudes above 2,500 meters with different conditions.
Education	Bachelors of Art in Individualized Study at Gallatin, New York University. Thesis: 'Creation of Artificial Intelligence' focusing on Computer Science, Artificial Intelligence, Ethical Theory, and Philosophical Theory.
Selected Achievements and Activities	hackNY fellowship, summer 2015. Tech@NYU - E-Board, 2012-ongoing. Incharge of: HackDays, and DevOps. Duke of Edinburgh Award. Gold: Mt. Everest Base Camp. Silver: Mt. Kinabalu.