

Vatsal Baherwani

Computer Science Student

<https://github.com/vatsalo>

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EDUCATION

Bergen County Academies
Academy for Technology and Computer Science
GPA: 4.0/4.0 (Unweighted) SAT: 1550

Hackensack, NJ
Sep 2017-Current

COURSEWORK AND PROJECTS

- **Plannet** Feb 2020
 - Web app that enables the user to plan and coordinate hangouts between friends easily and effectively using Google accounts
 - Made with node.js
 - Winner of "Best Vision" at hackBCA V
- **Web Development** 2018
 - Developed web pages and signup features for the school website using Flask
- **Develop** 2018-2019
 - Prototyped a forum website with React.js and GraphQL
- **C & Data Structures** 2018-2019
 - Established a fundamental understanding of C and assembly
 - Created low-level implementations of hash maps, linked lists, array lists, stacks, and queues
- **Advanced Topics in Mathematics** 2020-2021
 - Developed a rigorous understanding of linear algebra, multivariate calculus, and introductory complex analysis

EMPLOYMENT HISTORY

- **Software Engineer Intern** Sep 2020-Current
Bloomberg, L.P. New York, NY
 - Developed web application for internal users to view, compare, and manage permissions using Vue.js, Rails, and GraphQL
 - Implemented RESTful functionality to internal Bloomberg Law services
 - Created comprehensive unit tests for internal services using Mockito, along with acceptance tests using Robot Framework

COMMUNITY SERVICE

- **Event Organizer** 2017-2019
Hasbrouck Heights Public Library
 - Set up book fairs, movie nights, and community events for senior citizens and children in Hasbrouck Heights
- **CS Teacher** 2019-Current
Hasbrouck Heights Public Library
 - Planned and scheduled a weekly programming class for middle school students
 - Created and taught an introductory curriculum establishing the fundamentals of computer science and programming in Python

SKILLS

HTML and JavaScript

Node.js

React.js

Vue.js

SQL

GraphQL

Java

Python

Lua

Ruby

Racket

C

C++