Vatsal Baherwani

Software Engineer Intern

Current Software Engineering Intern with professional experience working in a fast-paced, corporate environment. Strong foundation in mathematics, logic, and algorithms. Looking to gain experience in software engineering, artificial intelligence, and finance.

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Hasbrouck Heights, NJ 👂

vatsalb.netlify.app 📾

linkedin.com/in/vatsal-baherwani in

github.com/vatsal0 (7)

EDUCATION

B.S., Computer ScienceUniversity of Maryland, College Park

08/2021 - Present

Academy for Technology and Computer Science

Bergen County Academies

09/2017 - 06/2021

GPA: 4.0

Courses

- Web Development
- AP Computer Science
- Functional Programming
- Linear Algebra
- C & Data Structures
- Math Foundations of CS
- Computational Theory
- Multivariable Calculus

WORK EXPERIENCE

Software Engineer Intern Bloomberg, L.P.

09/2020 - 08/2021

New York, NY

Achievements/Tasks

- Developed a RESTful service to manage the BLAW permissions backend using Java and Spring Framework.
- Created a responsive and dynamic interface with Vue.js, GraphQL, and Ruby on Rails which communicated with the Java service via HTTP requests.
- Presented dashboard in front of managers and senior engineers to receive feedback for implementing new features and improving user experience.

Computer Science Teacher Hasbrouck Heights Public Library

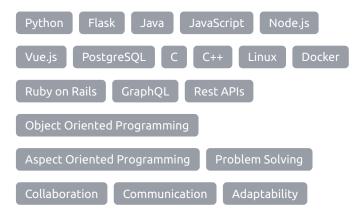
09/2019 - 03/2020

Hasbrouck Heights, NJ

Achievements/Tasks

- Planned and scheduled a free weekly programming class for middle school students in coordination with the library director.
- Designed an introductory curriculum teaching the fundamentals of computer science and programming in Python.
- Created practice problems assessing knowledge of user input, conditional statements, and loops.

SKILLS



PERSONAL PROJECTS

UnionBlue (09/2020 - 06/2021)

- Developed a PPE inventory dashboard for a friend's client from the Teamsters labor union.
- Designed an interface for viewing available products and contacting the distributor through a secure email form.
- Implemented administrator commands for creating, updating, and deleting stock listings in the database.

Plannet (02/2020)

- Designed a web application enabling users to easily and effectively plan hangouts with their friends.
- Utilized Google OAuth API for user profile creation and an open source map API (Mapbox) for selecting and displaying locations.
- Winner of "Best Vision" award at hackBCA V.

INTERESTS

Software Development		Artificial Intelligence
Finance	Networking	Quantitative Analysis