

# Kevin Abraham

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## EDUCATION

### CUNY Queens College

Bachelor of Science in Computer Science, GPA: 3.98

Flushing, NY

December 2024

### Stony Brook University

Bachelor of Science in Chemistry, GPA: 3.89

Stony Brook, NY

May 2018

## SKILLS & CERTIFICATIONS

Languages: Python, Javascript

Tools: Django, React, Django REST Framework, Remix, MUI, Mantine, Git, Github Actions, Docker, Google Cloud, Vercel

## RELEVANT EXPERIENCE

### CUNY Queens College - Adjunct Lecturer | Flushing, NY

January 2022 – Present

- Enhanced student engagement and grades in Computer Science through effective blended learning with C++.
- Ensured precise tracking of academic progress with accurate management of student accounts and test results.

### Open Avenues Career Pathways - Student Consultant | Elmsford, NY

February 2024 – May 2024

- Developed a city dataset visualization app using Remix, Deck.gl, and Mapbox to enhance user interaction.
- Optimized deployment on Vercel, achieving increased efficiency and performance.

## PROJECTS

### Nature ID - iOS Developer | Team of 1

[GitHub](#) | [View Project](#)

- Enabled user-friendly photo capture for instant plant identification, evidenced by cohort and instructor feedback
- Enhanced plant identification accuracy to 70% on initial tries, 90% for top three results through Plant.ID integration.
- Utilized: Swift, Plant.ID API

### Movie Rating Prediction Factors - Data Analyst | Team of 1

[GitHub](#) | [View Project](#)

- Improved data quality by preprocessing to remove duplicates and handle null values.
- Conducted exploratory data analysis to extract actionable insights from movie data.
- Applied Random Forest and XGBoost for enhanced predictive modeling of movie ratings.
- Utilized: pandas, NumPy, matplotlib, seaborn, scikit-learn, XGBoost

### Munch Map - Backend Developer | Team of 3

[GitHub](#) | [View Project](#)

- Devised a ticketing system to tackle food insecurity, implemented via the API to facilitate surplus food redistribution.
- Built a Django-based API and managed front-end networking with Axios, winning the Headstarter Hackathon.
- Streamlined user interactions and data management, ensuring efficient and responsive service delivery.
- Utilized: Django, Django REST Framework, React, Material-UI, Axios

### Blogfolio - Full Stack Developer | Team of 1

[GitHub](#) | [View Project](#)

- Developed a responsive, retro video game-inspired UI for a personal blog using React and Material-UI.
- Built and managed a robust backend for content and API functionality using Django and Django REST Framework.
- Implemented a CI/CD pipeline for deployment and maintenance using GitHub Actions, Docker, and Google Cloud.
- Utilized: React, Material-UI, Django, Django REST Framework, GitHub Actions, Docker, Google Cloud

## ADDITIONAL EXPERIENCE

### St. John's Riverside Hospital - Registrar | Dobbs Ferry, NY

May 2020 – January 2021

### Home Depot - Customer Service Associate | Hawthorne, NY

April 2019 – April 2020