

Griffin Newbold

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Education

Columbia University, New York, NY
Bachelor's of Science, Computer Science

Expected Graduation: May 2025
Major GPA: 3.72/4.00

Relevant Coursework

Data Structures	Computational Linear Algebra	Software Engineering(F23)
Advanced Programming	Introduction to Databases	Clean Object-Oriented Design(F23)

Experience

Teaching Assistant, Columbia University

January 2022 – Present

- Enhanced Student's learning as demonstrated by cumulative scores and feedback surveys by holding weekly office hours and developing plenty of supplementary course materials
- Actively participated in weekly team meetings, providing valuable input, and heavily contributing to the improved experiences of students

Front-end Web Developer, CodePrentice

September 2021 – May 2022

- Selected as one of five candidates from a competitive pool of dozens of applicants for the front-end developer position.
- Successfully maintained and updated the company's website, ensuring its smooth operation and usability.

Technical Skills

- **Programming Languages:** Proficient in: Java and Python | Have Experience with: HTML, CSS, JavaScript, Kotlin, and C
- **Technologies:** Eclipse, VS Code, React, JavaFX, MySQL, PostgreSQL, Android Studio, GIT

Projects

University Management System

March 2023 - April 2023

- Developed and implemented of a comprehensive web-based system using Python, Flask, Jinja, HTML, CSS, and PostgreSQL, providing access and enabling various user roles to perform essential actions.

DreamJourney

February 2023

- Successfully developed a dynamic web application that allowed users to track their dreams by leveraging Flask, React, JavaScript, HTML, CSS, and Firebase to create an interactive platform
- Enabled users to submit dream text, retrieve dream-generated images using the Stable Diffusion API, and view the consolidated data on their personalized dashboards.

Simon Says Handheld Game

October 2021 - December 2021

- Managed a team of four people which led to the successful development of a handheld Simon Says game by organizing team meetings, assigning tasks and developed the necessary software

Certifications and Awards

- **Oracle Certified Associate** | Java SE 8 Programmer I
- **Questbridge National College Match Scholarship** | A Full ride scholarship awarded to high achieving first generation low income students