Beatrice Stotz

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EDUCATION

Columbia University   2023-Present
Bachelor of Arts in Computer Science
- 3.88/4.00 Cumulative GPA
- Dean's List 2023-2024

RELEVANT COURSEWORK

- Data Structures in Java
- Advanced Programming
  - C and Unix fundamentals, networking basics
- Advanced Systems Programming
  - Implementing Unix libraries and tools
- Accelerated Multivariable Calculus
  - Vector Functions, multidimensional spaces, multivariable derivation and integration

WORK EXPERIENCE

Lead Programmer, Artist, and Cowriter, Personal Project   2024-Present
- Programmed visual novel in Python using game engine RenPy.
- Drew over 100 character models and background frames, and wrote 40 pages of dialogue

Peer Tutor, Berrick Center for Student Advising   2024-Present
- Commit 7 hours a week tutoring Columbia students in various subjects
- Prepare lesson plan and communicate concepts in easy-to-digest format to students

Research Assistant, INOVA Heart and Vascular Institute   Summer 2021, Summer 2022
- Awarded INOVA Summer Student Research Grant of $2500
- Retrieved daily COVID-19 ECMO patient information from 80 patients in INOVA Electronic Health, assisted in development of a program to automatically transfer data from Electronic Health Record to data management software

SKILLS

Technical: Java, Python, C, Git, LaTex, object oriented programming, game development, basic art skills
Languages: Intermediate Spanish, basic Korean

LEADERSHIP AND EXTRACURRICULARS

Co-President, GendeRev   2024-Present
- Create a safe and inviting space for transgender students at Columbia University
- Prepare weekly meetings and manage club budget

Lead Walkout Organizer, Pride Liberation Project   2022
- Organized a walkout at Fairfax High School in protest of the Virginia DOE's anti-trans 2022 Model Policies. Attendance of over 200 students.
- Corresponded with press leading up to and following the walkout.