

Chloe Nevas

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EDUCATION

Brown University

Providence, RI | May 2026

Sc.B. Applied Mathematics-Computer Science

Relevant Courses: Object-Oriented Programming, Data Structures and Algorithms, Linear Algebra, Software Engineering, Applied Ordinary & Partial Differential Equations, Computer Systems

LEADERSHIP & TEACHING EXPERIENCE

Brown University Computer Science Department

Head Teaching Assistant (HTA)

Providence, RI | March 2024 - Present

- CSCI 0150: Object-Oriented Programming; Professor: Andries van Dam
- Collaborate directly with professor and fellow HTAs to develop course materials for a class of approximately 400 students
- Lead and manage communications with CS department, students, and team of 45 undergraduate teaching assistants
- Manage and execute audio/visual presentations during live lectures
- Assist students by holding labs, conducting office hours, and via an online forum

Undergraduate Teaching Assistant (UTA)

Providence, RI | August 2023 - May 2024

- CSCI 0150: Object-Oriented Programming; Professor: Andries van Dam
- CSCI 0200: Program Design with Data Structures and Algorithms; Professor: Kathi Fisler
- Led and taught mini-lessons during labs/sections, conducted office hours to help students with conceptual and debugging questions, and graded assignments for classes of over 400 students

Girls Who Code Summer Immersion Program, Lead Teaching Assistant

Remote | May 2024 - August 2024

- Collaborated with the instructor and fellow TAs to plan lessons and teach a class of 50+ students programming fundamentals
- Mentored students by holding advisories, office hours, and giving feedback on student work
- Facilitated relationships with partner organizations such as Bank of America and Lenovo to provide students with engagement opportunities

Brown University Meiklejohn Program, Peer Advisor

Providence, RI | August 2023 - May 2024

- Advised six first-year students on their college transition by providing support through both one-on-one and group meetings
- Guided students by offering advice and answering questions about both academic and social matters

PROJECTS

BrownFit, Co-Creator

December 2023

- Designed and developed a web app specific to the Brown University gym facilities and student body, utilizing Java for the backend and Typescript for the frontend. Created a platform allowing users to generate customized workouts by entering preferred workout duration, targeted muscle groups, and fitness goals.
- Integrated Firebase authentication and database to allow users to securely store, monitor, and modify their workout data, ensuring a personalized experience for every user.

WeensyOS, Co-Creator

March-April 2024

- Implemented a mini operating system in C++ with functionalities including privilege separation between the kernel and user processes, and memory management across physical and virtual memory using pagetable mappings
- Created a fork() call to enable the creation of child processes from existing parent processes and created an exit() call to safely free memory and terminate the processes

SKILLS & INTERESTS

Skills: Java, Python, Typescript/React, C/C++, Google Workspace, Canva

Languages: Conversational Spanish

Memberships: Brown Tutoring Corps, Applied Music Program, Brown Chamber Music

Interests: Cooking/baking, theater, violin, running, reading, pottery