

Rhys Gilliam

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Education

The University of North Carolina at Chapel Hill

Major/Minors: Computer Science with minors in Music and History

Expected Graduation Date: Spring 2025

GPA: 3.46

Honors and Awards: Dean's List, 2024 Foreign Language and Area Studies Fellowship

Relevant Coursework: Data Structures and Analysis, Software Engineering, Systems Programming, Computer Organization, Files and Databases, Mobile Computing, Storytelling and Game Development, Game Design, Scoring Films and Video Games

Skills

Technical Skills: C, C#, C++, Java, TypeScript, Python, Unity, Unreal, Vim, Angular, RxJS, Docker, DevContainers, SQL

Creative Skills: game design, music arrangement and composition, MuseScore, Ableton Live, Logic

Soft Skills: Agile development methodology, teambuilding, written and oral communication, creative and analytical problem solving

Languages: English (native speaker), Japanese (N3), German (C1)

Technical Experience

August 2023 - December 2023

CSXL Software Engineering Intern, UNC Computer Science Experience Labs

- Worked with a team to develop a full-stack "friend management" system addition to the CSXL web app to enhance collaboration among students using Angular, FastAPI, SQLAlchemy, and Python
- Spearheaded database architecture and API routing using Agile development methodology to receive exceptional feedback from stakeholders

August 2022 - Present

Lead Technical/Creative Officer, UNC Game Development Club

- Leading workshops on aspects of game development such as design, music, programming, and specific tools such as Unity or Godot
- Organizing and participating in various Game Jams, some exclusively for UNC students and some for students from across the country (for example, the 2022 NC Collegiate Game Jam: <https://itch.io/jam/2022-nc-game-jam>)

Professional Experience

July 2024 - Present

Community Manager, Carolina Housing

- Managing and training a staff of 16 Resident Advisors and 9 Office Assistants to smoothly run a secure, inclusive, and supportive campus living experience for a community of around 600 residents
- Maintaining comprehensive Microsoft Excel reports on budgets, keys, work schedules, and more

July 2022 - May 2024

Resident Advisor, Carolina Housing

- Advised and provided resources for 40 residents living in on-campus housing at UNC-Chapel Hill
- Attended diverse and intensive training on topics like fire safety, customer service, mental health crises, and teamwork

October 2021 - February 2022

Music Director for *The Long Way Around*, Company Carolina

- Arranged and directed music for *The Long Way Around*, an original student-written musical produced by Company Carolina with music from The Chicks
- Worked with the co-director, musicians, and actors to perform live music for a staged reading