Rachel Ruddy

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Education:

Northwestern University Bachelor of Arts, Expected June 2024
Computer Science Major with a Minor in French   **GPA:** 3.828

Relevant Courses: Design and Analysis of Algorithms, Scalable Software Architectures, Database Systems, Full Stack Development

Skills:

Software and Systems: Proficient in Microsoft Suite, Google Suite, Unity, Splunk, Jira, Figma, Git, AWS
Code: Proficient in Python and C#, competent in C, C++, JavaScript, HTML, CSS, SQL, Java, and Swift
Language: Proficient in French

Academic Projects:

Cloud-Native App via AWS: Scalable Software Architectures   *December 2023*
- Constructed a multi-tier interactive system via AWS RDS, Lambda, and API Gateway to strengthen understanding of scalable system design
- Implemented a Python backend and frontend to ensure useful and streamlined interactions for users.

Group Multilevel Platformer: Game Development Studio   *January 2022 – March 2022*
- Directed and developed a complete build of a multi-level computer game to build skills in time management and delegation
- Practiced industry techniques involving content "sprints" and weekly team meetings to ensure consistent progress and deliver a cohesive final product

Relevant Experience:

Northwestern Computer Science Department: Chicago, Illinois
Computer Game Development Peer Mentor   *September 2023 – December 2023*
- Critiqued C# code and Unity structuring for over 100 students across eight different assignments
- Guided students through technical game development concepts via weekly office hours
- Evaluated student progress across three quizzes through consistent and empathetic grading practices

Hyatt Corporate: Chicago, Illinois
Software Engineering Intern   *June 2023 – September 2023*
- Strengthened the iOS development team with data organization and investigation via Splunk
- Designed an interactive app interface in Figma including eight unique screens which aided in earning first place in the Hyatt Intern Competition
- Modified an existing Swift and SwiftUI codebase to complete several iOS development tickets, including both unit and regression testing

Additional Experience:

Brew Coffee Lab (formerly Brewbike – Northwestern University): Evanston, Illinois
Barista and Ops Team Member   *November 2021 – June 2023*
- Balanced fast-paced customer requests and cleaning while promoting a positive atmosphere for customers
- Maintained a professional appearance and kept the café area organized to maximize efficiency and safety
- Communicated with COO to ensure correct and efficient deliveries

Phonathon (Northwestern Office of Alumni Relations and Development): Evanston, Illinois
Pybunt and Non-Donor Caller   *October 2020 – November 2021*
- Greeted past donor alumni in conversation and engaged them in reflecting on their time at the university to build strong rapport
- Secured donation pledges worth more than $20,000 benefitting university offices and organizations
- Facilitated a connection between the alumnus and the university to encourage future donations

Leadership Experience:

Rainbow Alliance (Northwestern University): Evanston, Illinois
Internal President   *March 2023 – Present*
Internal Programming Chair   *September 2021 – March 2023*