

# 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 & Google Suite, Splunk, Jira, Figma, Git, AWS, Unity, Django, React

**Coding Languages:** Proficient in Python, JavaScript, HTML, and CSS; competent in C#, SQL, Java, and Swift

**Languages:** Proficient in French

## Academic Projects:

Recipe Step Tracker Full Stack App: Full Stack Development

*February 2024*

- Developed both REST and GraphQL endpoints in Python via Django to support CRUD functionality for recipe step tracking in a frontend server
- Upgraded a React frontend site with an Apollo Client to implement calls to the GraphQL endpoint for advanced page interactivity

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 and RESTful services
- Implemented a Python backend and frontend to ensure useful and streamlined interactions for users

## 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 within Jira, 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**

**Internal Programming Chair**

*March 2023 – Present*

*September 2021 – March 2023*