

Chase Reynders

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SUMMARY

Team-oriented, motivated Computer Science undergraduate seeking to forge connections, strengthen development skills, and embrace challenges in a fast-paced, uplifting environment. Interested in project-based learning, human-oriented technology, and interdisciplinary approaches to problem solving. Passionate about learning languages, funk drumming, and baking birthday cakes.

EDUCATION

- Yale University** Expected Graduation May 2026
Bachelor's Degree in Computer Science & Psychology, Certificate in Statistics and Data Science, GPA of 3.97 New Haven, CT
 - Teaching assistant for *Data Structures and Programming Techniques* (taught in C programming language) and *Introduction to Computing and Programming* (known as CS50).
 - Drummer and board member of the Yale Undergraduate Jazz Collective; opened for Grammy-award-winning jazz vocalist Cécile McLorin Salvant.
 - Executive board member of the Yale Computer Society; led curriculum development for the *Catalyst Program* and contributed to technical projects including Yale Butteries.

EXPERIENCE

- Twilio** May 2025 – Present
Software Engineer Intern Remote
 - Implementing an idempotency cache in a large-scale, cloud-based, distributed system to address customers' inaccurate contact counts during high-volume CSV imports.
 - Participating in Agile sprints and reviewing code from senior engineers, learning team conventions and contributing to overall code quality.
- DeepHealth, a RadNet subsidiary** Mar 2024 – Aug 2024
Software Engineering and Data Science Intern Somerville, MA
 - Increased search efficacy of FDA databases over 95% by parsing 150,000+ scraped PDFs into indexed text, enabling company researchers to have a better understanding of competitors' products.
 - Extracted diagnoses from radiologist reports using natural language processing techniques with 100% testing sensitivity to automate ground truth labeling efforts and presented findings to company executives. Medical data security and safety prioritized throughout the process.
- Code Platoon** June 2023 – Aug 2023
Full Stack Instructor Chicago, IL
 - Taught algorithms, data structures, React, and Django to over 40 U.S. military veterans and spouses, enabling their success in the tech industry.
 - Led collaborative group coding projects to completion 3 days a week and held office hours for 18 hours a week.
 - Co-advised over 40 full stack final projects deployed with AWS EC2 that demonstrated the students' newly attained skills.

TECHNICAL SKILLS

- Languages:** Go, Swift, Python, Java, C/C++, SQL, JavaScript/TypeScript, R, MATLAB, Racket
- Libraries & Tools:** Terraform, AWS, Git, Docker, NumPy, Pandas, Scikit-learn, PyTorch, React, NodeJS, Flask, Django, Selenium, Twilio, Firebase, PostgreSQL

PROJECTS

- The Scroll Toll** December 2024 – Present
Early-Stage Startup Co-Founder Python (Django), TypeScript (React Native), Swift
 - Leading development on an app that restricts users' screen time and only allows for overriding limits after donating to charities. The goal is to spread awareness about intentional screen time use.
 - Designed with Figma, featuring Stripe integration, iOS ScreenTime API, RESTful API design, relational database design, and token authentication.
- Yale Butteries** Jan 2024 – Present
Student App Published on App Store JavaScript (React), Express.js
 - Co-developed a food-ordering and accounting app for student-run campus restaurants; deployed to the App Store.
 - Led frontend efforts and guided weekly team meetings to refine features and user experience.
- PuppyFinder** Mar 2024 – May 2024
Deep Learning Project Python, PyTorch
 - Trained convolutional neural network with thousands of pre-processed dog images from 100+ breeds.
 - Developed a model with over 94% classification accuracy, leveraging stochastic gradient descent and the cross entropy loss function.
- GutCheck Chrome Extension** June 2023 – Aug 2023
Full Stack Project Python (Django), JavaScript (React.js)
 - Built a Chrome extension that adds a comment section to each URL with the goal of standing up against misinformation online.
 - Deployed the API on AWS EC2 and enabled CORS protection for flexible, secure use.
 - Designed a relational SQL database with customized authentication framework featuring email activation.