

Ricky Yerkey

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Available January 2026 - August 2026

EDUCATION

Rochester Institute of Technology (RIT)

Rochester, NY 14623

Bachelor of Science in Computer Science

May 2027

- **Awards:** RIT Presidential Scholarship
- Early acceptance into the combined accelerated Bachelor of Science/Master of Science program in cybersecurity

PROJECTS

U-Fund Charity Website

Sept 2024 - Dec 2024

- Cooperatively developed a funding website for a non-profit organization
- Followed **Agile** methodologies; planned and executed **Scrum** sprints correlated with phases from the **OpenUp** methods
- Used **REST API** in **Java** for backend; executed **Jacoco** code coverage reports using **Maven** with 94% code coverage; built website application with **Angular** and **Javascript**, **HTML**, and **CSS**

Music Database

Jan 2025 - Apr 2025

- Planned, implemented, and managed a music database
- Modeled the database with an **EER diagram**; implemented the metadata using **SQL** in **DataGrip**; loaded 20,000+ items into the database; analyzed the data by running complex queries with **SQL**
- Built an application in **Python** allowing users to simulate operations they would perform when using real music streaming services

Language Predictor

April 2025

- Created a machine learning model with **Python** to predict whether a sentence was in English or Dutch
- Used **decision tree** learning and **adaptive boosting** to train the model with more than 90% predictive accuracy

WORK EXPERIENCE

Artesano Bakery & Cafe

Rochester, NY 14623

Front of House Employee

Jan 2024 - Present

- Prepare for 7:30 a.m. opening, package orders, make drinks, and operate the cash register in a fast-paced, customer-oriented work environment

Chick-fil-A

Upland, CA 91784

Front of House Employee

Aug 2022 - July 2023

- Delivered orders; prepared mobile orders, drinks, and desserts; operated the cash register; restocked supplies in a fast-paced, customer-oriented work environment

EXTRACURRICULARS

Women in Computing, Active Member

Jan 2024 - Present

- Engage in weekly meetings, committee meetings, social events, and networking events to promote the success and advancement of gender minorities in the computing field
- Classroom assistant volunteer at events such as WicHacks and Girl Scout Cyber Badge Day

2nd Chance Thrift Shop, Volunteer for the Friends of Upland Animal Shelter

Aug 2021 - July 2023

- Volunteered weekly at a local non-profit that donated its proceeds to an associate animal shelter
- Helped clean, sort donations, arrange merchandise, assist customers, and operate cash register