

Adam Yarris
aty3425@rit.edu
<https://github.com/RubbaBoy>

OBJECTIVE

To obtain a co-op position in software development.

Available May - December 2022

EDUCATION

Rochester Institute of Technology
Bachelor of Science in Computer Science, Expected May 2025
GPA: 3.430

Rochester, New York

PROJECTS

Craftathon (Personal Project)

- Led a team of 7 volunteer developers over 2 years to develop games on the Minecraft platform for 2 separate weekend-long charity events. Using a pay-to-join system, the events raised \$7,600. All proceeds went directly to Child's Play Charity.
- Collaborated with developers all over the world, working around different schedules and specialties.

MS Paint IDE (Personal Project)

- Developed a program to use a custom OCR (NewOCR) to read images and parse them as code, performing IDE actions including compilation, syntax highlighting, buildsystem support, basic refactoring, and LSP integration.
- Collaborated with several developers on the implementation of specific features (e.g. LSP integration).
- Worked with some unfamiliar languages (C#, PHP), and implemented systems for the first time with Dialogflow/the Google Assistant, Firebase, Java Native Access, and very early adoption of jpackage.

NewOCR (Personal Project)

- Constructed an OCR from scratch, with 98+% accuracy on all printable ASCII characters on trained fonts. Designed to read computer-generated text of an arbitrary size on a trained font, and provide typeset data used to reconstruct the input image with modified text.
- Cited several research papers on similar technology to make a unique detection system.

HolySheet (Personal Project)

- Developed an unlimited cold file storage system by efficiently encoding them into Google Sheets
- Serverless and highly scaleable with Docker & Kubernetes, hosted on AWS
- Accessible through a file browser webapp, native desktop app, CLI, REST API, gRPC API, and Java API

SKILLS

Programming

Java, Dart, JavaScript, Python, C, HTML, CSS, SQL

Technologies

Flutter, AngularDart, React, Docker, Kubernetes

WORK EXPERIENCE

Hannaford - Cashier & Service Leader
Goffstown, NH

June 2018 - August 2021

- Managed break and lunch schedules for front-end employees

WITR - Internal Developer
Rochester, NY

October 2021 - Present

- Rewrote the frontend and backend of the radio station's website, along with several internal utilities
- Prioritized features accordingly during software migration to ensure minimal disruption for users and employees

LEADERSHIP

Eagle Scout
Craftathon Lead Developer

November 2019
June 2017 - December 2018

ACTIVITIES

Scouts BSA

September 2008 - March 2020

VOLUNTEER EXPERIENCE

Goffstown Network Food Pantry
Over 80 service hours through Scouts BSA

October 2015 - January 2020
September 2008 - March 2020