

# AARON PAZDERA

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## EDUCATION

AUGUST 2017 – CURRENT (EXPECTED GRADUATION JUNE 2021)

**APPLIED MATH//COMPUTER SCIENCE (SOFTWARE DEVELOPMENT)**, UW-STOUT

Relevant Coursework:

Real Analysis, Software Engineering Practicum, Numerical Analysis, Systems Programming, Abstract Algebra, Software Engineering, Statistics, Computer Architecture, Calculus I - III, Linear Algebra, Proofs, Formal Languages and Finite Automata, Data Structures, Algorithms, Networking, Web Design, Database Systems

## SKILLS

- Thousands of hours spent programming in C/C++, Java, and Python
- Computer Vision algorithms
- Experience dealing with customers and vendors
- MySQL, Git CLI, Linux systems

## HONORS/PROJECTS

I spend a lot of my free time programming. Please see <https://apaz-cli.github.io> for my portfolio, which explains my projects in much greater depth. It has many projects on it, including:

- A perceptual image hashing framework
- A machine learning based image hash algorithm
- Two Discord bots
- A BF compiler and interpreter (BF is an intentionally confusing programming language)
- A web scraper

## RELEVANT EXPERIENCE

JUNE 2020 – SEPTEMBER 2020

**RESEARCH STUDENT** UW-STOUT

Over the summer I did economic modeling research for Dr. John Stinespring of the University of Tampa and 5 other classmates. We worked on it 8 hours a day for most of the summer and arranged ourselves in much the same way as a scrum team. The experience was equivalent to an internship.

JUNE 2018 – SEPTEMBER 2019

**CASHIER** FAMILY FRESH MARKET

Originally hired as a cashier, I worked nearly every position in the store. Opening, closing, and overnights across most departments.