Patrick Hunner

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Education

University of Minnesota – College of Science & Engineering – Twin Cities (Minneapolis, MN)
Degree: BS Computer Science GPA – 3.62 Expected Graduation – Dec 2023

Experience

Cardamom – Minneapolis, MN *Oct 2021 - Present*
Server

- Fostered a safe, enjoyable environment for employees and guests to gather around a meal.
- Trained and mentored new employees to help them feel welcome and confident at work.
- Coordinated with co workers during busy and chaotic times to ensure everyone felt supported.

1Cademy – Minneapolis, MN *Nov 2021 – May 2022*
Crypto-Economics Research Intern

- Conducted weekly research on developments in cryptocurrencies and related technologies.
- Presented my findings to a team and displayed that information on the 1Cademy platform in a readable, digestible, and manageable format for easy learning.

Global Poetics Project (GPP) – Minneapolis, MN *February 2021 – May 2021*
Data Intern

- Increased the robustness of the GPP by adding over 100 different publishers to their catalog.
- Communicated directly with some poets and publishers to arrange a more fluid publishing system, allowing people to easily get their work into the world.

Projects

COT Data Analysis – *Python*

- Created a Python script to scan through and organize all commodity data from the CFTC.
- Refined multiple back testing programs for trading strategies utilizing this data.
- Improved efficiency and code readability with a variety of libraries like Pandas and NumPy.

Web Server – *C*

- Developed a multithreaded web server using POSIX to fetch files of any size.
- Built a thread pool and our own caching system for more efficient request handling.
- Utilized memory system calls to allow for dynamic memory allocation.

Skills and Relevant Coursework

- Algorithms & Data Structures 1 and 2, Advanced Programming Principles, Operating Systems, Machine Architecture, Computational Linear Algebra, and Discrete Structures.
- Experience with Python, Java, C, Git, OCaml, Unix/Linux, and MATLAB.
- Communication, creative problem solving, team building, and time management.

Involvement

- Pianist, guitarist, and banjo player for student music groups throughout high school and college.
- Advocator in multiple high school student innovation teams from 2017-2021.
- Member of the Search Committee for the current Episcopal Bishop of MN in 2019.