

Aidan Rausch

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Hardworking student-athlete majoring in Computer science with a focus on Machine Learning and Data analytics. Eager to apply problem solving and programming knowledge to tackle the challenges within a software engineering internship.

EDUCATION

Whitman College: Recipient of Whitman Achievement Scholarship and Whitman Endowed Scholarship

Major: Computer Science **Minors:** Mathematics, Data Science

Relevant Classes: (CS) Data Structures, Data Science, Algorithms, Machine Learning, Software Design, AI, **(Math)** Calculus III, Linear Algebra, Probability Theory, Intro to Higher Math

SKILLS

C++ : Extensive learning behind memory optimization and recreating Data Structures

Python: Extensive use of python libraries such as Pandas, Matplotlib, Scikit-Learn, Numpy to build Machine learning models and uncover data analytics

PROJECTS

Predicting Housing prices(Python, Scikit-Learn, Pandas, Numpy)

- Built and trained a Linear/Multi-Linear Regression Model to predict housing prices using features such as square-ft, number of bedrooms, and location
- Implemented One-Hot encoding and Min/Max Scaling

Web Scraper and Data Analysis(Python, BeautifulSoup, Matplotlib)

- Developed a Python script to scrape sales data from a 16 page website and used BeautifulSoup for HTML parsing
- Leveraged Matplotlib to visualize data and correlations

ATHLETICS AND CLUBS

Student Athlete, Whitman College Varsity Men's Basketball (Division III)

- Balanced 20+ hours per week of practice and games with full academic load, demonstrating strong discipline and time management, skills essential for managing complex software projects.
- Collaborated with teammates to strategize and communicate game plans while also being flexible to adapt on a dime and honed interpersonal connections, which help prepare for complex team coding projects

Whitman Computer Science & Whitman Clubs (Investing, Chess, and Magic the Gathering)

- Weekly discussions with Whitman faculty members about Computer Science pathways and new technologies
- Ongoing discussions with fellow economics students about investing and managing Whitman's Student Portfolio
- Regular chess competitions with students and weekly strategy sessions playing Magic the Gathering

PROFESSIONAL WORK EXPERIENCE

Basketball Coach, Stanford Athletics Department (Summer 2023)

- Designed strategic skills programs under strict deadlines
- Taught teamwork, collaboration, and self confidence

Stanford Arrillaga Desk Manager (Summer 2022)

- Managed student profiles and gym equipment, while understanding customer needs

ABOUT ME

Additional Interests: Blockchain technology, fitness and exercise, Guitar, Drums., Magic the gathering

