

# Aidan Rauscher

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## EDUCATION

### Pennsylvania State University

August 2019 – December 2022

- *Bachelor of Science in Computer Science*; Cumulative GPA: 3.72/4.0
- Provost Award: 4-year scholarship given to less than **15%** of undergraduate students
- Organizations: Innoblue (Vice President), Happy Valley Venture Capital (Member)

## WORK EXPERIENCE

### Hamilton Lane

*Software Engineer*

August 2023 – Present

- Built .NET console applications to automate data integrity checks and other business processes
- Developed new web applications and feature enhancements for existing applications
- Created Azure Synapse Analytics Python notebooks and pipelines to reduce runtimes and improve data access for the company's Data Warehouse
- Won first place in the company's inaugural hackathon with an AI-powered search and chat application for internal investment documents

### Inside.com

*Freelance Writer*

May 2022 – August 2023

- Wrote daily newsletters on the latest Wall Street and Google news for ~20,000 subscribers.
- Researched dozens of articles daily to inform newsletter coverage and track developing trends and ongoing stories to stay up-to-date on these topics
- Posted daily content to the site's agriculture and NFT topics

### PPL Corporation

*IT Intern*

May 2022 – August 2022

- Built an alert system that enforced the timely completion of critical financial transactions.
- Utilized Microsoft Excel, Outlook, and Power Automate to replace the legacy, on-premises solution
- Met with key stakeholders to collect feedback that informed design decisions for the system
- Developed a testing and implementation strategy to gradually retire the existing solution

## SPECIAL PROJECTS AND VOLUNTEER WORK

### Table Rock Markets – Founding Member

February 2021 – April 2022

Worked to launch and maintain farmers market ordering system

- Developed and debugged platform (Java, JS, HTML, CSS) and contributed to the business' go-to-market, resulting in 1000 users
- Helped our partnering farms generate over \$350,000 in online revenue

### NFL Game Prediction with Machine Learning

January 2021

Trained a Random Forest Classification model to predict winner of NFL games using Python

- Scraped 6,000+ data points using Selenium and implemented model using scikit-learn library
- Achieved over 70% accuracy for more than 500 games of test data

## SKILLS

- **Skills and Software:** Python, C#, .NET, JavaScript, Node.js, React, Next.js, Tailwind, HTML, CSS, SQL, Git, GitHub, VS Code, Replit, Power Automate, Microsoft Teams, Zoom, Google Meet, Slack