


# BRENNEN REICIN

Basking Ridge, NJ 07920

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## Education

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**University of Illinois at Urbana-Champaign – GPA: 3.7**

**Grainger School of Engineering**

**Aug. 2022 – May. 2026**

Bachelor of Science in Computational Physics

**College of Liberal Arts & Sciences**

Bachelor of Science in Mathematics

**Minors:** Computer Science & Business **Awards:** Deans List, James Scholar

**Relevant Coursework:**

Multi-variable Calculus, Linear Algebra w/ Computational Appl., Differential Equations, Special Relativity and Math Methods, Classical Mechanics, Quantum Mechanics, Computer Science 1 & 2, Discrete Structures

## Skills

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- **Languages:** Python, Java, Javascript, Kotlin, C++, HTML, CSS, SQL
- **Frameworks:** Tensorflow, PyCharm, PySpark, DAG, Django, Flask
- **Tools:** Scikit-learn, NLP, Matplotlib, Numpys, Pandas, Agile Methodology, Jira, Microsoft Products

## Experience

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**Bank of America**

**Summer 2024**

*Software Engineering/Product Management Intern*

*New York, NY*

- Developed and deployed a checklist app to automate the Jira story release process, enabling users to check off steps, autofill deadlines, and manage tasks efficiently.
- Integrated internal database connectivity, allowing business analysts to save, edit, and load their checklists.
- Collaborated with business analysts, software engineers, and QA teams to deliver a solution tailored to team needs.
- Enhanced workflow documentation, improving clarity and consistency in the Jira release process.

**Carbone Fine Food - High Growth CPG Company**

**Summer 2023**

*Data Analyst Intern*

*Remote*

- Developed a full-stack web application using Django, Python, HTML, and CSS to streamline business operations.
- Customized scikit-learn to create machine learning models for sales forecasting and price elasticity analysis, achieving 99% accuracy.
- Designed analytics and data visualization tools, enabling the sales team to gain insights on successful promotions and optimize strategies

**Grainger School of Engineering**

**Fall 2023**

*Lab Learning Assistant*

*Urbana, IL*

- Co-instructed engaging and interactive lab sessions for a class of 80 undergraduate students taking physics, promoting hands-on learning, and conceptual understanding.
- Provided individualized guidance to students, offering clear explanations of complex physics concepts and assisting with problem-solving techniques

**CureForIBD - 501c3 funding research**

**2016 – 2022**

*Junior Board President*

*Basking Ridge, NJ*

- Planned and executed large charitable events, such as galas and runs, with the board of the charity. Some of these events raised over \$100,000 towards research.
- Managed youth volunteers.
- Communicated with local businesses, offering advertisement at charitable events in turn for raffle prizes, donations, and other forms of support.
- Organized & created charitable raffles daily, in order to increase revenue during the pandemic.
- Overall contributed to raising over \$1.6 million for Crohn's & Ulcerative Colitis research.