

# Ben Metzger

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## SKILLS

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**TECHNICAL SKILLS:** PYTHON (DJANGO, SCIKIT-LEARN, FLASK, PYTORCH), C/C++, JAVASCRIPT (REACT, NEXT.JS, NODEJS), POSTGRES, GITHUB, GITHUB ACTIONS, DOCKER, K8

**CERTIFICATIONS:** NVIDIA DEEP LEARNING CERTIFICATE (APRIL 2025)

## EDUCATION

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**WASHINGTON STATE UNIVERSITY**

**Pullman, WA**

*Bachelor of Science, Computer Science; Minor in Mathematics; Honors College; GPA 3.7*

**AUG 2023-May 2027**

**Relevant Coursework:** Data Structures and Algorithms, Data Science, Software Engineering Principles (Agile + CI/CD)

## PROJECTS

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**BasketballPredictor**, Personal Project

**Jun 2025**

- Full-stack web application developed with React, Flask, scikit-learn; deployed with Docker
- Used nba\_api to pull player and team statistics to display and use with ML techniques
- Employed XGBoost to accurately predict NBA playoff games with a 74% accuracy

**Cryptocurrency Predictor**, WSU Class Group Project for Data Mining Course

**Apr 2025**

- Employed neural networks, clustering methods, and regression techniques to predict various Cryptocurrency market sentiments

**Class Scheduler**, WSU Class Group Project for Software Engineering Principles

**Mar 2025**

- Full-stack web application to manage course enrollment for universities application developed with React, Django, and Postgres

## EXPERIENCE

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**Galeotti's Wine Cellar**, Server/Host

**May 2022-Aug 2023**

- Developed strong customer service and communication skills; praised by employer for attention to detail

**Walmart**, Overnight Remodel Associate

**May 2024-Aug 2024**

- Success in role due to good work ethic and strong customer service; assisted with store-wide remodel

## EVENTS

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**AgAID Digital Hackathon**, Washington State University

**Jan 2025**

- Developed convolutional neural network to identify crop residue in photos using PyTorch; placed 3rd overall

## LEADERSHIP

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**Japanese Student Association**, Washington State University

**President**

**May 2024-May 2025**

- Oversight of seven executive officers and fifty general members; saw a member attendance increase of 60%

**Public Relations**

**Jan 2024-May 2024**

- Officer of external affairs; managed organization Instagram page and created promotional material for events

## AWARDS

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**Pillar of the Community**, Asian Pacific American Student Coalition

**Apr 2025**