

Jordan Wang

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SKILLS

Programming & Tools: Python, Java, JavaScript, R | NumPy, pandas | Matplotlib/seaborn | Flask | Jupyter/Colab | VS Code | Excel | AWS (cloud training)

AI & Data: PyTorch, TensorFlow | ML/NLP/GenAI, Neural Networks | CV (YOLOv8, DETR, ViTDet) | Model optimization | Data analysis & viz | API integration, OpenAI API

AI/ML & SOFTWARE ENGINEERING EXPERIENCE

PinPark Inc.

May 2025 - Present

Software & AI Integration Intern

- Acquired and prepared **large-scale parking lot image datasets** from YouTube, EarthCam, Kaggle, and web-scraped sources, including frame extraction, quality filtering, and COCO-format annotation.
- Trained and fine-tuned object detection models (**ViTDet, YOLOv8, DETR**) using **AWS** for scalable cloud training, fixing misclassifications and improving performance through dataset curation and augmentation.
- Achieved consistent detection confidence rates above **90%** for clear top-down vehicle imagery and maintained robust performance (**>80%**) in partially occluded conditions, enabling reliable parking occupancy assessment.

Cognizant

May 2025 - June 2025

Generative AI Extern

- Completed a 7-week, self-paced Generative AI externship: strengthened Python for AI/ML, prompt design, and **LLM API integration**; built small applied projects to practice end-to-end workflows.
- Took part in mentor-guided sessions focused on tech-consulting readiness with problem scoping, articulating trade-offs, and presenting concise findings.

Ubongo

June 2024 - September 2024

AI Engineer Intern

- Developed an automated translation tool using **Python, OpenAI's GPT** model, **Flask**, and **JavaScript**, improving translation accuracy by **15%** and reducing processing time by **20%** through API integration.
- Collaborated with native speakers to refine translation quality and cultural relevance, incorporating real-time user feedback for continuous improvement and enhancing the tool's efficiency through testing and optimization.

Iteris & VoiceXD Hackathons

September 2023

Prize Winner

- Iteris: Analyzed and visualized connected vehicle data using **Python** to identify safety hotspots, assess driver behavior, and present actionable insights for **traffic safety improvements** in a persuasive presentation.
- VoiceXD: Designed and built **conversational assistants** as a new resource for Colby College using the VoiceXD platform which was accomplished by utilizing cutting-edge AI technology for practical applications.

CodePath Intro to Software Engineering

June 2023 - August 2023

CodePath Student

- Completed CodePath's Intro to Software Engineering (Python), building projects that applied **control flow**, core **data structures**, and **Big-O** analysis while managing code with a **Git/GitHub** workflow.

Computer Science Project Grader, Colby College, Waterville, ME

February 2025 - Present

- Graded coding projects for accuracy, efficiency, and adherence, providing feedback to improve skills.

LEADERSHIP & TEAMWORK EXPERIENCE

Community Advisor, Colby College, Waterville, ME

August 2023 - Present

- Managed a community of **200+ students**, fostering a safe, inclusive environment through programming and initiatives with Residence and Community Living Directors to integrate academic, cultural, and creative growth.

EDUCATION

Colby College, B.S. - *Computer Science: Artificial Intelligence + Statistics*

Expected Graduation – May 2026