Garrett Miguel Berliner (they/he)

LinkedIn: /in/garrettberliner | 503-717-3648 | Email: garrettberliner@gmail.com

Education

Oregon State University **GPA**: 4.00
M.S. in Computer Science; Minor in Mathematics *September 2023 - June 2025*
- Obtained an 18-credit Graduate Certificate in College & University Teaching (GCCUT); TA for Software Engineering II
- **Master's Thesis**: Impacts of Professional Development on Knowledge for Teaching Computer Science

Oregon State University Honors College **GPA:** 3.96
Honors B.S. in Computer Science; Minor in Mathematics *September 2020 - June 2024*
- Concentration in Artificial Intelligence; Graduated Summa Cum Laude
- Undergraduate Learning Assistant for Data Structures & Served as a College of Engineering Ambassador
- **Honors Thesis**: Teaching Fundamental Computer Science Concepts Utilizing Manipulatives; Defended June 2023

Experience

Microsoft **Redmond, WA**
Technical Program Manager *August 2025 - PRESENT*
- Windows Engineering Systems, AI Developer Productivity

Microsoft **Redmond, WA**
Technical Program Manager Intern *June 2024- September 2024*
- Developed an MVP centralized service health, performance, & outage history dashboard to optimize developer productivity
- Established long-term project timeline, interviewed 25+ developers, coordinated with 10+ partners, & presented to 4 VPs
- Integrated 28 Kusto Queries, iterated feedback given from UI/UX designers, & created 5 future iteration mockups via Figma
- Completed initial project scope in 7 weeks, began expansion into separate business groups, & created clarity within ambiguity
- Co-founded an Intern Co-Creation (summer club) based on mutual interest in sustainability & upcycling to foster community

HP Inc. **Vancouver, WA**
Machine Learning Intern *June 2023- September 2023*
- Achieved 1st-place in site-wide intern presentation fair; Judged on depth of knowledge, presentation ability, & poster content
- Developed ML telemetry forecasting models utilizing Prophet & Pandas within Databricks Warehouses for big data quality assurance in millions of daily-collected records; Developed, tested, & deployed through AWS cloud service data pipelines
- Completed initial scope in 8 weeks; Expanded models into several business areas & presented progress weekly to stakeholders
- Ensured intellectual property through Neural Network-generated anomaly detection models using TensorFlow & Numpy
- Shifted data warehouse with 15+ million records from 1st Normal Form to 3rd NF, reducing compute resources by ~35%

Lockheed Martin RMS **Syracuse, NY**
Senior Software Engineering Intern *June 2022- September 2022*
- Peer-elected AI/ML Software Team Lead within an intern project comprised of 12+ multidisciplinary engineering interns
- Generated Machine Learning models through PyTorch & Numpy in Kubeflow to predict & detect structures present within a wildfire path via images; Employed hyperparameter tuning & Bayesian classification to achieve approximately 87% accuracy
- Granted secret-level clearance; Aided diverse team members on a multitude of projects, utilizing intricate Linux & C++

Oregon State University **Corvallis, OR**
Undergraduate Research Assistant *June 2021- June 2024*
- Co-authored four publications; Assisted with Quantitative & Qualitative Data Analysis, Scientific Writing, & CS Curriculum.
- Participated in a Research Experience for Undergraduates (REU) Summer 2021, working towards making CS more equitable

Leadership

Oregon State University Out in STEM (oSTEM) Chapter **Corvallis, OR**
Member, Secretary [2023-2024], President (Engineering) [2024-2025] *September 2021 - June 2025*
- Peer-elected to co-orchestrate bi-weekly club meetings & represent 550+ members at university-level administrative meetings
- Assisted with the delegation of a $10,000 budget to send 9 club members to the chapter's first national conference in 2023

OSU Leadership, Empowerment, & Purpose Co-Curricular **Corvallis, OR**
Participant & Presenter *September 2024 -June 2025*
- Presented "Linkedin Workshop for Queer Individuals" during oSTEM General Meeting with 20 attendees. Presented at an end of the academic-year LEAP Summit, was selected as 1 of the top 5 presentations out of 46 total presentations

oSTEM 2024 National Conference **Portland, OR**
Workshop Leader *October 2024*
- Co-developed & hosted an "Improving Meeting Attendance: Recruitment & Retention" workshop with 50+ attendee
- Highlighted how OSU's oSTEM chapter netted a ~250% increase in club engagement over the 2023-2024 academic year

Skills & Interests

Skills: Python |C++| C | SQL | Numpy | Pandas | Tensorflow | Sklearn | Linux | Git | Adaptable | Collaberative | Passionate
Interests: LGBTQIA+ History | Sustainability | 2nd-Hand Apparel | Traveling | Sewing | Hiking | Crafting | Photography