Peter Mora-Stevens

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EDUCATION

Oregon State University, Corvallis OR **September 2022 – July 2026**

Bachelor of Science in Computer Science

Coursework: Discrete Math, Object Oriented, Intro to programming

EXPERIENCE

Uber **January 2023 – August 2023**

Uber Career Prep Fellow *San Francisco, California*

- Learned about a range of engineering principles including Law in software engineering, product design, UX/UI design, negotiation skills, and technical problem solving
- Attended 5 mock interviews and technical presentations with Uber software engineers to learn interviewing skills, communication techniques, and engineering competencies
- Enhanced our technical skills through homework provided by Uber software engineers, covering algorithms and data structures and their applications in technical interviews

CodePath - CourseHero **June 2023 – July 2023**

SITE Intern *Remote*

- Worked with Course Hero mentors to learn about Full-stack web development in 5 weeks by working with React and Node
- Worked with designing and implementing personally created API endpoints and middleware in Express.js
- Designed and developed an internship project front-to-back-end in a pod of 3 fellow interns, used the agile development methodology, and implemented version control in 5 weeks

Oregon State University **August 2022 – January 2023**

Undergraduate Researcher *Corvallis, Oregon*

- Utilized PyTorch to experiment with quantization and create neural networks to advance fundamental machine learning concepts in a hands-on manner
- Analyzed machine learning research papers alongside my research advisor to find topics of interest including quantization leading to the implementation of the resnet16 architecture in PyTorch

Intel **July 2021 – September 2021**

Manufacturing Technician II *Aloha, Oregon*

- Supervised teams of up to 6 members while operating on silicon wafer production equipment, ensuring the safest machine section where no mistakes moved into operations
- Facilitated the movement of silicon wafers throughout the manufacturing building, supporting the successful production of over $300 million in daily product
- Communicated with Intel employee teams to provide product movement assistance, machine testing, and construction location updates resulting in consistently positive feedback and a 95% positive interaction rating

PROJECTS

Association of Computing Machinery - Officer **April 2023 – Present**

- Improved attendance by 25% through hosting Technical Interview Preparation Workshops
- Achieved Second Place in Oregon at the International Collegiate Programming Competition

Feedforward NN Project **Oct 2022**

- Created a Classical Binary Classification Model to predict whether Indigenous women in Arizona would have Diabetes with an 80% success rate leveraging TensorFlow
- Ensured an unbiased sample count and was able to rescale output data to a uniform probability spread to avoid incorrect model results by using SKLearn, NumPy, and Pandas.

Personal Portfolio Website - petermorastevens.github.io **August – September 2022**

- Developed a personal portfolio website while learning HTML/CSS for the front-end (moved to github pages 2023)

TECHNICAL SKILLS

Languages/Database: Python, JavaScript, C++
Frameworks & Libraries: React, Node, Express, TensorFlow, PyTorch, NumPy, Pandas, SciKit Learn