

BENJAMIN GEYER

(+1) 503-510-8789 | geyerb@oregonstate.edu | github.com/Ben-Geyer
1167 Cascara Loop S, Salem OR, 97302

EDUCATION

Oregon State University, Corvallis, OR Spring 2021

- Cumulative GPA: 4.0 out of 4.0 | B.S. Computer Science | Honors College
- Completed coursework in Data Structures, Algorithms, Software Engineering, Linear Algebra, Artificial Intelligence, and Machine Learning.

Study Abroad in Seoul, South Korea: Ewha Womans University / IE3 Global Fall 2019

Study Abroad in London, United Kingdom: Oregon State University Faculty-Led Summer 2017

EXPERIENCE

Technical Co-Founder - ShoeBio Inc. Corvallis, OR 11/18 - Present

- Developed back end of website in Python 3 from scratch to beta in 6 months in a Linux environment.
- Learned Flask, Elasticsearch, Logstash, and AWS EB while coding and deploying a REST API in 3 weeks.
- Designed and programmed a distributed system of web scrapers capable of processing data asynchronously using Scrapy, Twisted, and MongoDB.

DevOps Intern - City of Salem IT Department, Salem, OR 12/17 - 7/19

- Developed web applications from start to finish on a team of 3 interns using the ASP.NET MVC framework with C#, HTML, CSS, JavaScript, and Microsoft SQL Server.
- Presented websites to customers and used their feedback to add features and improve the UI.
- Launched web applications to automate paper processes for government agencies.

Research Intern - URSA Engage at Oregon State University, Corvallis, OR 2/18 - 6/18

- Tested the effectiveness of reinforcement learning in training a bipedal robot to stand and walk.
- Programmed reward functions and action spaces with Python and C++.
- Decreased convergence time by 25% for learning to walk and successfully trained the robot to stand.

Research Intern - Apprenticeships in Science and Engineering, Portland, OR 6/16 - 8/16

- Labeled and processed data to train a neural network to recognize and classify bird calls from audio.
- Processed 174 hours of recordings in several minutes with the trained model.

TECHNICAL SKILLS SUMMARY

-
- **Languages:** Python, C/C++, C#, JavaScript, HTML, CSS, and SQL.
 - **Databases:** Microsoft SQL Server, MySQL, MongoDB, Elasticsearch, and Logstash.
 - **Technologies/Frameworks:** Git, ASP.NET MVC, Bootstrap, jQuery, and Amazon Web Services.