

Ella S. Feldmann

ella_feldmann@brown.edu | (541) 610-8489 | Box 4142 69 Brown St. Providence, RI 0291



<https://github.com/ellafeldmann>



<https://www.linkedin.com/in/ellafeldmann/>

SKILLS

Technologies: Java, Python, C, C++, Keras, MATLAB, R, LaTeX, Linux/Unix

Software: Git, AdobeXD, Illustrator, Figma

Languages: English (native), Spanish (fluent), French (conversational)

EDUCATION

Brown University

Computer Science, GPA: 3.85/4.0

Providence, RI

December 2019

Relevant Coursework

- **Math:** Linear Algebra, Discrete Structures and Probability
- **Computer Science:** Object Oriented Programming, Algorithms and Data Structures, Computer Systems, Computer Graphics, Blockchain and Cryptocurrency, User Interfaces and User Experience
- **Machine Learning:** Deep Learning, Computer Vision
- **Remote Sensing:** Environmental Remote Sensing, Computational Analysis of Spatial Data

Bend Senior High School

Bilingual French/English IB Diploma, GPA: 4.52/4.0

Bend, OR

June 2015

EXPERIENCE

Twenty Billion Neurons GmbH

AI Engineering Intern

Berlin, Germany

May – July 2019

- Worked with AI engineering team on developing new features for our digital humanoid avatar, Millie
- Participated in weekly sprint planning and reviews using Jira software
- Wrote new tests for existing code using pytest, and completed QA tests to ensure stable releases
- Presented a personal project on improving movement detection using a technique called pose estimation

Brown University

Kellner Lab, *Student Machine Learning Researcher*

Providence, RI

Sept. 2016 – Dec. 2018

- Developed a neural network to categorize satellite-based remote sensing data of the Amazon Basin
- Competed in the Understanding the Amazon from Space machine learning competition on Kaggle
- Visualized large data sets, and presented my research in lab meetings

Brown University

Department of Computer Science, *Teaching Assistant*

Providence, RI

Sept. - Dec. 2017

- 1 of 45 selected from a pool of over 200 applicants to TA for Introduction to Object Oriented Programming
- Lead bi-weekly group discussions on object-oriented project design and debugging
- Held over 140 hours of TA hours focused on debugging student code

PERSONAL

Accomplishments:

- Solo-hiked 500 miles across Iceland
- Won two gold medals in national jiu jitsu competitions in Colombia
- Finished 4th in the 19-under division of the Portland Marathon in 2014