LAURA LANGDON

CONTACT

lauralangdon.io

(925) 784-8729

laura@lauralangdon.io

https://www.linkedin.com/in/laura-langdon/

https://github.com/g0g0gadget

EXPERIENCE WITH

Statistics
Python
Machine learning models
NumPy
Pandas
Scikitlearn
Matplotlib
PyTorch

ADVANCED SKILLS

Mathematics
Mathematics instruction

EDUCATION

MASTER'S DEGREE
Mathematics
CSU East Bay
2015-2018

BACHELOR OF SCIENCE
Mathematics
CSU East Bay
2011-2014

PROFILE

I'm a machine learning engineer especially excited by artificial general intelligence and ethics in AI.

PROFESSIONAL EXPERIENCE

Data Science Fellow
Sharpest Minds May 2020-present

- Built and deployed an image classification web app using the fast.ai library to determine with 97% accuracy whether a painting was made by Monet or Picasso (post and web app).
- Collaborating with the Director of Data Science/Machine Learning at AppZen.

Mathematics Lecturer and Course Coordinator
CSU East Bay January 2019-present

- Instructor of and Course Coordinator for College Algebra.
- Prepare and deliver class lectures, creating primary and supplemental materials.
- Provide differentiated support to students at college and developmental levels.
- Write and administer exams, and grade all student work (homework, exams, quizzes, etc.)
- Provide pedagogical and administrative support to instructors of other sections of the course.
- Used data collected in prior academic years to form hypotheses about effective teaching practices. I then tested these hypotheses in my classes and made suggestions for department-wide changes to curriculum and pedagogy, which were successfully implemented across all sections of those courses, resulting in higher pass rates for students.

Head Teaching Assistant
CSU East Bay September 2015-December 2018

- Taught 15 sections of developmental math (pre-intermediate algebra).

EDUCATIONAL EXPERIENCE

Graduate coursework completed on graph theory, mathematical logic, real analysis, abstract algebra, topology, complex analysis, and hyperbolic and projective geometry.

Graduate research conducted in voting theory.

Undergraduate coursework completed in C++ (beginning C++ through data structures and algorithms) and assembly.