

CAMILLE LOJEWSKI

[GitHub.com/Oyrange](https://github.com/Oyrange) | oyrange.github.io/

Education

UC Berkeley, Berkeley, CA

December 2024

B.A. Data Science

Core Skills

- Fluent in Python, Java, IDE testing and debugging, database query, and agile development
- Effective collaboration across 20+ diverse projects in software, data analytics, AI, NLP, etc.
- Comfortable and efficient independently working with large remotely hosted datasets

Selected Projects

NLP Analytics in Fiction – *Gensim, spaCy, BERT, Natural Language Processing* *Fall 2024*

- Logged 40+ hours refining the tool and coordinating workflow to deliver in two week deadline
- Prioritised 5-feature scalability, maintainability, and real-world usage for future adaptation to diverse NLP tasks beyond literary analysis

Librosa Genre Classification – *Python, Librosa, Keras Neural Network* *Summer 2024*

- Designing scalable neural network package extracting 8 audio features across 1000+ datasets
- Optimized 5-layer hyperparameter dropout and density achieving 82%+ validation accuracies

Build Your Own World: 2D Tile Game – *Java, Github, IntelliJ, JavaScript GUI* *Spring 2023*

- Developed and deployed 6+ comprehensive object-oriented libraries constructing Java engine, data structure, and GUI design of progress-saving quest game
- Utilized continuous integration and cloud collaboration tools to lead remote 4-person team

NGrams Word Server – *Java, JavaScript/HTML, Google API, IntelliJ* *Fall 2022*

- Independently developed four packages to retrieve and analyze 200k+ word pairings and deploy 15 compiled networks of processed data into interactive browser visualization

Work Experience

UC Berkeley

Aug 2022 – Sept 2023, Berkeley, CA

Computer Science Mentor

- Oversaw 25+ students through development and reconfiguration of four Python software projects
- Taught two undergraduate class sections weekly Python curricula (data structures, algorithms, functional and object-oriented programming)

Two Hats Consulting

June 2019 – Dec 2019, Berkeley, CA

Copywriter

- Developing web content for diverse clientele across four respective financial and business sectors
- Collaborating in live team and professional client meetings to manage online campaign direction

Learning Resource Center

Jan 2018 – June 2019, Berkeley, CA

Administrative Steering Committee

- Coordinated, directed, and trained 20+ teaching staff across 10 academic departments
- Designed 12-week semester statistical and data analytics curricula for instructor use