

# Ananya Chattoraj, PhD

## DATA SCIENTIST

### EXPERIENCE

#### Research Fellow | Department of Philosophy, University of Calgary

SEP 2017 - MAY 2023, CALGARY, AB

- Collected and analyzed publication datasets, resulting in a meta-analysis publication hosted by the University of Pittsburgh Philosophy of Science Archive.
- Utilized exceptional written and verbal communication skills to secure competitive federal research grants exceeding 60k+ CAD.
- Delivered persuasive presentations at global and national conferences, effectively conveying complex ideas to diverse audiences.

#### Lecturer | Department of Philosophy, University of Calgary

APR 2020 - AUG 2021, CALGARY, AB

- Supervised and supported a teaching assistant in constructing appropriate and comprehensive student evaluations.
- Created and delivered engaging and accessible lecture materials, simplifying complex ideas and using relatable examples to facilitate understanding among non-expert audiences in IT Ethics and Philosophy of Video Games, resulting in teaching surveys satisfaction of over 90%.

#### Learning Technology Production Coach | Taylor Institute for Teaching and Learning

MAY 2020 - 2021, CALGARY, AB

- Evaluated customer needs through Qualtrics surveys and provided direct client support through workshops and 1:1 learning sessions, resulting in increased client satisfaction.
- Successfully executed IT transformation projects within a cross-functional team. The collaborative efforts and adapted solutions resulted in greater satisfaction among students and staff, enabling a smoother transition to remote learning.

### PROJECTS

#### Lead Developer | [Image Caption Generator](#)

AUG 2023, BrainStation Data Science Bootcamp

- Developed and implemented an image caption generator by fine-tuning EfficientNetv2S, resulting in a model that may be used for automated ALT text generation or image search engine optimization.

cananya53@gmail.com

403-402-2670

[linkedin.com/in/ananya-chattoraj](https://www.linkedin.com/in/ananya-chattoraj)

[github.com/ananyachattoraj](https://github.com/ananyachattoraj)

### PROFILE

An analytic researcher and former educator enthusiastic about spreadsheets. With a background in academic research into the contexts of data's creation and use, I'm excited to utilize my communication and technical skills in a new industry.

### SKILLS

SQL, Python, R, Tableau, Hypothesis Testing, Matplotlib, Plotly, Bokeh, Seaborn, Machine Learning in scikit-learn, Tensorflow, Keras, Pytorch, AWS, Hadoop, Spark, Hive, Docker, Brightspace, Tophat, Qualtrics

### EDUCATION

BrainStation | Diploma, Data Science (2023)

University of Calgary | Degree, Doctor of Philosophy (2023)

- Dissertation: What is Data?
- Social Sciences and Humanities Research Council Doctoral Fellowship: \$60k CAD
- Queen Elizabeth II Scholarship: \$15K CAD

University of Waterloo | Degree, Master of Arts (2016)

University of Waterloo | Degree, Bachelor of Arts in Philosophy, Minor in Applied Language Studies (2014)