

Jakob T. Bell

MSc Social Data Science Student

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SUMMARY

Social Data Science MSc student at the University of Copenhagen focusing on Natural Language Processing and the human-centered implementation of AI systems. Coming from a mixed-methods academic discipline, I am comfortable working across both quantitative and qualitative methods, such as building LLM-based research pipelines, statistical modeling, and creating informative data visualizations. Looking for an opportunity to utilize my background and continue expanding my experience in the fast-moving field of societal AI integration.

EDUCATION

MSc in Social Data Science Sep. 2025 – June 2027
University of Copenhagen Copenhagen, DK

BA in Political Science Sep. 2022 – June 2024
University of California San Diego San Diego, CA, USA

EXPERIENCE

Customer Experience Guide Nov. 2021 – Aug. 2022, Nov. 2024 – Aug. 2025
Patagonia Santa Cruz, CA, USA

- Trained and onboarded new staff, including presenting policy updates and mentoring junior employees
- Processed over \$1M in transactions as a primary point of contact, handling customer inquiries, returns, warranties, and repairs

Legislative Affairs and Lobbying Intern Mar. 2024 – Jun. 2024
Winning Strategies Washington D.C., USA

- Conducted detailed qualitative analysis of congressional hearings, distilling complex testimony and discussions into clear, structured summaries

PROJECTS

Computational Social Science: Digital Loneliness Analysis Jan. 2026 – June 2026
Python, RoBERTa, Claude API, BERTopic, XGBoost, SHAP

- Executed a mixed-methods NLP pipeline analyzing 44k+ Reddit posts by fine-tuning a RoBERTa classifier on LLM-augmented training data, deploying ensemble models (XGBoost, Random Forest), and utilizing SHAP values to evaluate textual predictors of community responsiveness

Unsupervised NLP: Topic Modeling Consultancies Oct. 2025 – Jan. 2026
Python, BERTopic, Transformers, scikit-learn

- Engineered an NLP research framework using BERTopic and Transformer-based embeddings to extract latent themes from large-scale text data from foreign education consultancies

TECHNICAL SKILLS

- Python
- NLP & NLU
- Machine Learning
- n8n, Make & AI Agents
- Data Visualization
- EDA & Data Cleaning
- Git & GitHub
- MS Office & SharePoint
- GDPR Compliance
- API Integration
- LaTeX
- Jupyter notebook