

PHILIP EUGEN NESBAKKEN

+1 (617) 503-7670 | eugnes03@bu.edu | Boston, MA, USA | linkedin.com/in/eugnes/

EDUCATION

Boston University

Master's, Mathematics

- Relevant Coursework: Graduate Probability, Graduate Abstract Algebra

September 2025 - May 2026

Boston University

Bachelor's, Computer Science and Mathematics

- Finished Early; Dean's List
- Relevant Coursework: Probability, Algorithms, Computational Statistics

September 2022 - May 2025

GPA: 3.63

PROFESSIONAL EXPERIENCE

Endor Global

Clojure Fullstack Developer

- Full-stack development within Endor Global app, utilizing Clojurescript and Clojure
- Developing Endor Mind, for integrated user experience with LLM functionality that acts as personal assistant.
- Experience in Linear and agile development processes, allowing for team communication.

Remote

August 2025 - Present

Subsea7

Market Intelligence Intern

- Used Power BI and Excel for data analysis for market projections in Oil&Gas, and Renewables.
- Collaborated with departments to gather, analyze and present intelligence findings using Powerpoint.
- Researched emerging trends in energy sectors, contributing to long-term business planning.

Houston, TX, USA

June 2025 - August 2025

Dintero

Backend Developer Intern

- Developed and maintained backend services using TypeScript, ensuring robust and scalable code
- Collaborated effectively with teams to design and implement new features and improvements
- Assisted in troubleshooting and resolving technical issues, ensuring smooth operation of backend services

Oslo, Norway

June 2024 - August 2024

University of Oslo

Data Analyst Intern

- Analyzed data related to colorectal cancer using Stata, providing valuable insights to support research projects
- Participated in team meetings and contributed to discussions on research methodologies and data analysis strategies
- Publication: Rates of repeated colonoscopies to clean the colon from low-risk and high-risk adenomas: Results from the EPoS trials

Oslo, Norway

April 2020 - May 2022

PROJECTS & OUTSIDE EXPERIENCE

LaTeX Study App — Automated Learning Content Generation (In Progress)

- Developing a tool that processes LaTeX study notes and homework files into organized study material
- The system identifies key sections such as definitions, problems, and solutions, and formats them for a structured review interface
- Current work includes building the backend in Clojure to handle document parsing, database management, and content scheduling
- The goal is to create a clean and efficient way to turn technical notes into a consistent learning experience across subjects.

Analysis of Theoretical Guarantees for Variational Inference in Sparse Deep Learning Networks

- Reproduced and extended results from Efficient Variational Inference for Sparse Deep Learning with Theoretical Guarantee (NeurIPS 2020) through simulation (PyTorch) and numerical validation.
- Examined convergence properties and generalization bounds of variational inference methods applied to sparse neural networks.
- Implemented Bayesian sparsity techniques to compare empirical performance against theoretical expectations in deep learning models.
- Investigated the stability of stochastic gradient updates under different prior distributions and sparsity-inducing regularizations.

SKILLS

Skills: Neural Networks, Clojure, Clojurescript, TypeScript, Data Analysis, Git, Python, C, SQL, Excel/Numbers/Sheets

Interests: Piano, Waterskiing, BU Club Tennis, Algebra, Machine Learning, Functional Programming, Mathematical Logic