

EDUCATION

CORNELL UNIVERSITY

MENG IN COMPUTER SCIENCE

May 2018 | New York, NY

Dean's List all Semesters | 3.9/4.0 GPA

BA IN COMPUTER SCIENCE,

MINOR IN PHYSICS

May 2017 | Ithaca, NY

Dean's List S15, F15, S17

VIKTOR RYDBERG ODENPLAN

May 2013 | Stockholm, Sweden

LINKS

Http:// eyvind.me

Github:// [eyvindn](https://github.com/eyvindn)

LinkedIn:// [eyvindniklasson](https://www.linkedin.com/in/eyvindniklasson)

REL. COURSEWORK

GRADUATE (PHD LEVEL)

Advanced Topics in Machine Learning

Advanced AI

Advanced NLP

Algorithmic Game Theory

Analysis of Algorithms

Structure of Information Networks

GRADUATE

Machine Learning

Computer Vision

Cryptography

UNDERGRADUATE

Operating Systems

Artificial Intelligence + Practicum

Functional Programming

Theory of Computation

TEACHING

Head Graduate TA

NBAY/INFO 5400

Fundamentals of Modern Software (F17)

Undergraduate TA

CS 4300

Language and Information (S16, S17)

SKILLS

PROGRAMMING+LIBRARIES

Extensive

TensorFlow • PyTorch • Python • Java

Intermediate

Scala • Perl • Octave • \LaTeX

Familiar

OCaml • C • C++

EXPERIENCE

GRO INTELLIGENCE | DATA SCIENTIST

Aug 2018 - present | New York, NY

Data scientist role with focus on contemporary machine learning. Applying neural network techniques from current literature (EMNLP, etc.).

RECORDED FUTURE | MACHINE LEARNING INTERN

May 2015 - June 2015, May 2014 - June 2014 | Gothenburg, Sweden

Worked extensively in Tensorflow implementing machine learning algorithms for sentence classification, based on newly published articles in this field. Final model improved on the existing accuracy baseline for the method in use at the company.

RESEARCH

CORNELL NLP GROUP | RESEARCHER

Jan 2018 - June 2018 | New York, NY

Worked with **Dipendra Misra** and **Professor Yoav Artzi** on natural language grounding and instruction following using Deep Reinforcement Learning. Extensive work in Tensorflow and PyTorch. Accepted to **EMNLP 2018** - see Papers below.

CORNELL LEPP | UNDERGRADUATE RESEARCHER

Jan 2014 - May 2015 | Ithaca, NY

Research assistant at Laboratory for Low Energy Particle-Physics, working on a project in Astrophysics to search for dark photons in positron collisions with **Professor James Alexander**. Designed and tested a particle detector. The work involved heavy simulation using a large C++ simulation framework [Geant4], with which I had to get acquainted in a short time.

NORDITA | RESEARCH ASSISTANT

2012 - 2013 | Stockholm, Sweden

Worked at Nordic Institute for Theoretical Physics on a now published research project in Astrophysics: [**Particle energization through time-periodic helical magnetic fields**] with **Dr. Dhrubaditya Mitra**. Developed a particle path simulator in Python, and later ported this to C++ to run on CUDA cards: [**Pyoden**].

PROJECTS + PAPERS

- **EMNLP 2018** - Mapping Instructions to Actions in 3D Environments with Visual Goal Prediction available [\[here\]](#).
- Advanced AI Project - Blocked Direct Feedback Alignment available [\[here\]](#).
- Advanced Topics in ML - Densely Connected PixelCNN available [\[here\]](#).

MENTIONS + AWARDS

- Listed 6 times on [\[Google Hall of Fame\]](#) for identifying severe security bugs and once on [\[Facebook White-Hat Hall of Fame\]](#).
- Named one of Google's "top security researchers" for 2015.
- My M.Eng capstone project [**LitOS**] won the Cornell Tech Startup Awards including 100,000\$ in venture funding from Cornell.
- Identified and disclosed security issue in iOS to Apple
- Completed, and helped develop/administer, challenges for [\[Tasteless Challs\]](#)
- Cornell Chronicle article about me [\[here\]](#)
- Vice-President, co-founder and CTF team lead for [\[Cornell Hacking Club\]](#)
- Participated with [\[CHC\]](#) in Google CTF, BlazeCTF and IceCTF, scoring top 5%.
- Acknowledgement on the site of my freshman Honors Java course professor (a professor in computer security) for identifying a bug in his Secure Voting System - [\[Condorcet Internet Voting Service\]](#)