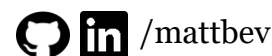# Matthew Beveridge

Frederick, MD | (301) 788-3953 | mattbev@mit.edu

/mattbev

Education

Massachusetts Institute of Technology
MEng in Computer Science and Electrical Engineering – Artificial Intelligence
September 2020 – June 2021 | Cambridge, MA

Massachusetts Institute of Technology
B.S. in Computer Science and Electrical Engineering
B.S. in Mathematics
September 2016 – June 2020 | Cambridge, MA

Coursework   * = Audited

Artificial Intelligence (6.034)
Machine Learning (6.036)
Deep Learning (6.S191)
Numerical Analysis (18.335)
Advanced Algorithms (6.046*)
Advances in Computer Vision (6.819)
Algorithmist's Toolkit (18.408)
Seminar in Information Theory (18.424)
Elements of Software Construction (6.031)
Probability and Random Variables (18.600)
Stochastic Processes (18.615)
Statistical Thinking and Data Analysis (15.075)
Graph and Combinatorial Theory (18.217*)
Linear Algebra (18.06)
Differential Equations (18.03)

Leadership & Activities

MIT EnergyHack
Director of Corporate Relations
June 2019 – Present | Cambridge, MA

Delta Kappa Epsilon Fraternity
Treasurer, Sigma Tau Chapter
May 2018 – Present | Cambridge, MA

MIT Varsity Football
Team Member, Academic All-Conference
August 2016 – December 2018 | Cambridge, MA

Experience

NASA
Research Software Engineer
June – August 2019 | Houston, TX
- Advanced the HIVE project, analytics, and prototypes for the ISS, Orion spacecraft, and Gateway lunar-orbit space station.

General Atomics ASI
Machine Learning Engineer
June – August 2018 | San Diego, CA
- Developed methods of visual QA using deep learning, culminating with Alpha deployment to production.

Nference, Inc.
Data Scientist
February – June 2018 | Cambridge, MA
- Performed sentiment analysis of media and parsed disease indicators to map relational trees by semantic association.

Mosaic Power
Software Engineer
June – August 2017 | Frederick, MD
- Led development of energy redistribution methods to meet the needs of power grids in real-time, improving efficiency.

Research

MIT CSAIL – Data-Driven Inference Group
Toward the Optimal Pooling Layer
September 2019 – Present | Cambridge, MA
- Creating innovative structures to improve CNNs.

MIT Media Lab – Camera Culture Group
Computer Imaging Through Fog
September 2018 – February 2019 | Cambridge, MA
- Researched light diffraction in fog for autonomous vehicles.

MIT CSAIL – Interactive Robotics Group
Advancing AI Decision Making
February – May 2017 | Cambridge, MA
- Studied human decision processes for applications in AI.

Skills

Currently Using: Python, Java, Julia, R, Git, Linux
Familiar With: C++, C#, SQL, JavaScript, HTML, CSS, React, LaTeX