# Education

Boston University

* College of Arts and Sciences, Class of 2017, GPA: 3.01
* Bachelor of Science in *Computer Science*
* Relevant Coursework: Distributed Systems, Computing Systems, Machine Learning

University of Copenhagen January 2016 – June 2016

* Relevant Coursework: Data Analysis Methods (Masters level), Web Science (Masters Level)

CGS Boston-London Program January 2014 – June 2015

* College of General Studies

# Professional Experience

Boston University Global Programs, *IT Support/Assistant Programmer* July 2015 – Present

* Provided quality IT support for BU Global Programs and International Students and Scholars Office
* Updated the department shared server software through distributed remote software scheduling
* Developed plan to synchronize and automate server updates, saving +4 hours per update and reducing the risk of manual update errors
* Resolved +400 faculty technology issues and incidents through the BU service-now web client

Boston University Medical Campus, *Web Developer* June 2015 – January 2016

* Redesigned the Pathology Department’s website front page leading to 15% increase in traffic
* Coordinated and assisted pathology website committee meetings with BU doctors and researchers
* Collected feedback and streamlined HTML/CSS structure accordingly

# Organizations / Projects

Boston University, *Men’s Club Soccer* September 2014 – Present

* Assisted with recruitment, leading to +200 participants at tryouts
* Helped lead team to undefeated fall 2014 season and ranked 3rd in the northeastern conference

Fault Tolerant Distributed File System, *Go* February 2017

* Implemented a fault tolerant key-value distributed file system in Go using the Raft consensus model and construction framework
* Also developed an infrastructure to support the Google map-reduce paradigm in Go capable of withstanding substantial worker and network failure

Neural Networks, *Python* June 2016

* Created a Neural Network Classifier in python via a multi-layer perceptron architecture
* Used dimensionality reduction and momentum update optimization to achieve over 80% test accuracy

Simulated Bus-Passenger System, *Java* November 2016

* Built a multithreaded simulated transportation system using Java threads

Computer AI, *Java* November 2014

* Implemented *“Tom”*, an AI designed to compete in Kinect Four competitions
* Designed via state space search and optimized with alpha-beta pruning

# Skills

**Hard Skills**

* Mathematics
* Machine Learning
* Distributed System Design
* Program Optimization

**Soft Skills**

* Strong Work Ethic
* Self-Motivated
* Collaborative Team Player
* Works Well Under Pressure

**Languages/Environments**

* C, Go, Java, Python, x86/RISCV Assembly, PHP, HTML, CSS
* Windows, Linux, MySQL
* Microsoft Office Suite