

EXPERIENCE

Muninn <i>Cybersecurity Intern</i> <ul style="list-style-type: none">Wrote scripts to analyze network traffic, detect malicious behavior, and alert users of potential threatsDeveloped metrics to improve the fit of an anomaly detection model while maintaining generalizability	Summer 2022 <i>Copenhagen, Denmark</i>
Facebook <i>Software Engineering Intern</i> <ul style="list-style-type: none">Integrated a tagging feature into an internal tool for curating and uploading news contentMet with cross-functional stakeholders and team members to design full-stack software feature specifications	Summer 2021 <i>Menlo Park, CA</i>
MathWorks <i>Engineering Development Group Intern</i> <ul style="list-style-type: none">Developed full-stack customer-facing web applications; pushed code to production for > 1,000 users per dayDrafted thorough documentation for testing plans, requirements, use cases, and functional/architectural design	Summer 2020 <i>Remote</i>
Universidad Politécnica de Madrid <i>Data Science Research Assistant</i> <ul style="list-style-type: none">Constructed models around cleaned datasets; compared effectiveness and accuracy of each modelEvaluated correlational coefficients between properties including connectivity, transitivity, and reciprocity	Summer 2019 <i>Madrid, Spain</i>

SKILLS

Languages: Python, Java, PHP, C++, JavaScript, MATLAB, Julia, R, Stata
Frameworks: React, Vue, Node, Express, Flask, TensorFlow, MySQL, MongoDB
Tools: Git, Docker, Kubernetes, Visual Studio Code, Eclipse, IntelliJ

PROJECTS

Interface for ML Interpretability <i>React, NLPaug, TensorFlow, sklearn, keras</i> <ul style="list-style-type: none">User interface for users to build NLP models, define training and test sets, and visualize the results	Sep 2021 – May 2022
Stance <i>Vue, Express, Node</i> <ul style="list-style-type: none">Web application for political candidates to communicate with voters about relevant issues	Nov 2021 – Dec 2021
Interface for Self-Driving Cars <i>Python, numpy, open3d, skimage, ffmpeg, CARLA</i> <ul style="list-style-type: none">Devised a path prediction algorithm to check if an autonomous vehicle will collide with any objects in its path	Sep 2020 – May 2021
G Suite Dashboard <i>JavaScript, Google AppsScript</i> <ul style="list-style-type: none">Consulted with a local educational non-profit to identify their needs and design and deploy an effective solutionBuilt an application to automate reminder emails, reducing the time needed by volunteers by 95%	Jan 2021
Tempo <i>C++, Python, SQLite, Arduino</i> <ul style="list-style-type: none">Created a fitness device that plays a song to a user's device based on their running speed and music preferencesImplemented the back end to read step frequency and make HTTP requests to Spotify's REST API	Mar 2020 – May 2020
Artificial Synapses for Neuromorphic Arrays <i>MATLAB, Python, TensorFlow</i> <ul style="list-style-type: none">Developed a neural network to predict and extend machine lifetime	Feb 2019 – May 2019

LEADERSHIP

MIT Women's Varsity Volleyball <i>CoSIDA Academic All-America, AVCA All-America, NEWMAC Conference Tournament MVP</i>	Aug 2018 – Nov 2021
VP of New Member Education for Phi Sigma Rho Sorority <i>Schedule and lead new member education sessions for sorority candidates</i>	Feb 2021 – Apr 2022
Tutor for HKN Honor Society <i>Tutored students in 6.034 (AI), 6.036 (ML), 6.046 (Algorithms), and 6.0001 (Intro to CS in Python)</i>	Sep 2020 – May 2021
MIT Committee on Curricula <i>Discussed and voted on proposals to create or revise undergraduate subjects and programs</i>	Sep 2020 – May 2021
MIT IEEE Exec Board Officer <i>Faculty-Student Chair: Coordinated an undergrad research symposium and social events between faculty and students</i> <i>Secretary: Took organized minutes at all meetings, followed up on relevant action items, assisted with managing budget</i>	Sep 2019 – May 2021

EDUCATION

Massachusetts Institute of Technology <i>B.Sc., Double major in Computer Science and Mathematical Economics, GPA: 4.8 / 5.0</i>	Cambridge, MA <i>Graduated 2022</i>
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