JOHN EASTMAN

Oyster Bay, NY & Medford, MA | 917-868-0287 | john@bee-haven.com
Website: https://john-eastman.streamlit.app/

EDUCATION

TUFTS UNIVERSITY, SCHOOL OF ARTS AND SCIENCES, 2021 - 2025 (EXPECTED)   **Medford, MA**
Candidate for Bachelor of Science in Computer Science   GPA**: 3.73**
     Relevant Coursework: *Machine Structure & Programming, Linear Algebra, Discrete Math, Data Structures, Artificial Intelligence, Intro to ML, Algorithms, Probability*

THE HOTCHKISS SCHOOL, 2016-2020   **Lakeville, CT**
Highschool Diploma

SKILLS

Software Packages: Excel, git, LaTeX, Visual Studio, Adobe Photoshop & Illustrator, Streamlit
Languages: C++, C, Python, HTML
Certifications: NY State Boating Certificate, CPR, US Sailing Coach Certification, Level 1 Avalanche Training Certification

TECHNICAL PROJECTS

LOCALITY: Evaluated the cache performance of image rotation using 2D arrays in C

RFPBOT: Utilized vector database and LLM to provide answers to RFPs with confidence scores given by a classification model

PROFESSIONAL EXPERIENCE

DATAROBOT   **Boston, MA**
Machine Learning Intern   *Summer 2023*
- Created the RFP bot, an AI workflow to provide answers to RFPs with confidence scores and links to documentation for each response, which placed 2nd in company-wide AI hackathon
- Developed the datarobotx python sdk package to create more efficient work streams of DataRobot's main Python sdk.
- Built forecasts for opening weekend numbers of Warner Brothers' "Barbie" utilizing pandas, numpy, sentence transformers, and bs4
- Created 'accelerator' Jupyter notebooks to walk clients through powerful use cases of DataRobot's GUI and Python sdks.
- Worked with the Data Science team to obtain and retain contracts, showing prospective and current clients how DataRobot can put data to work out of the box.

CONSIO   **Remote**
Junior Researcher, Technology Transformation Consulting   *January 2021- June 2021*
- Conduct extensive project and industry level research with a particular focus on blockchain technologies
- Assist in formulation of technology thesis, potential business model improvements, and potential disruption
- Develop research summaries on technology areas, companies, and projects

NOSH AT NORTH SHORE SOUP KITCHEN (NSSK)   **Glen Cove, NY**
Day Manager, Emergency COVID Relief Food Bank   *September 2020 - January 2021*
- Lead day-to-day operations of packaging & delivering groceries to families in need
- Organize and transported food deliveries from farms, food distributors, and nonprofit organizations
- Manage correspondence of newsletters and announcements to volunteers and donors

AMERICAN YACHT CLUB   **Rye, NY**
Private Coach & Head Instructor   *Summer 2022*
- Lead a team of 18 instructors to coach sailors ages 6 to 18
- Implement class plans and schedules for over 100 sailors
- Organize profile-specific regiments for higher-level sailors

LEADERSHIP EXPERIENCES

TUFTS VARSITY SAILING TEAM   **Mystic Lake, MA**
Skipper, Fleet Manager, Alumni Relations Chair   *Current*
- Dedicate ~30 hours weekly for training, maintenance of fleet, and competition
- Organize and manage team gear orders using Microsoft Office Suite
- Establish and maintain relationships with alumni through networking and social event planning

TUFTS UNIVERSITY   **Somerville, MA**
Teaching Assistant, CS Department   *Current*
- Teaching assistant for CS 40: Machine Structure and Assembly Language.
- Run office hours for several hours per week to help students develop design, implementation, and debugging strategies that prepare them to work on large-scale and industry-level programming projects.
- Grade homework assignments for style and modularity