

JERRY JONES IV

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OBJECTIVE

To obtain a machine learning engineer Internship utilizing knowledge of a combination of programming, cloud infrastructure, and machine learning algorithms to implement and optimize large scale end-to-end systems.

EDUCATION

AUGUST 2022, EXPECTED AWARDED MAY 2024

UNIVERSITY OF MARYLAND: MASTER OF SCIENCE: COMPUTER SCIENCE, MACHINE LEARNING

University of Maryland LEAP Fellow

Relevant intended course work:

Machine Learning

Computer Processing of Pictorial Information

Computational Linguistic

Neural Networks

Foundations of Deep Learning

Algorithms in Machine Learning: Guarantees and Analyses

AUGUST 2017 - MAY 2019, AWARDED MAY 2021

GEORGE WASHINGTON UNIVERSITY: MASTER OF SCIENCE: CYBERSECURITY IN COMPUTER SCIENCE

National Science Foundation (NSF) CyberCorps: Scholarship for Service Recipient

Co-author of "Blockchain Network for Space Object Location Gathering" published to IEEE 2018

TECHNICAL SKILLS / PROJECTS

- Programming Languages: *Advanced:* Python. *Intermediate:* HTML, Java, JavaScript. *Beginner:* D3, C++
- Library Familiarity: *Intermediate:* NumPy, Pandas, Scipy. *Beginner:* Pytorch, TensorFlow, Scikit-learn
- Projects: Implemented Logistic Regression Model for Binary Classification Task (85% acc)

RELATED WORK EXPERIENCE

MAY 2020 – AUGUST 2022

INFOSEC RISK MANAGEMENT FRAMEWORK SPECIALIST, FDIC

- Implemented improved CSAM project tracking and workflows, resulting significant reduction in dropped projects.
- Streamlined Cyber Risk Management's collaboration with Privacy utilizing MS Teams, automated tools, and reporting.
- Created technical documents detailing controls for two gold-tier agency applications, assessed and approved through assessment team.

JULY 2016 – JULY 2017

SYSTEM ADMINISTRATOR, CARNEGIE MELLON UNIVERSITY SOFTWARE ENGINEERING INSTITUTE

- Led the overhaul project of enterprise repository code service Rhodecode.
- Tested and integrated several services/features (JIRA, Jenkins, Confluence) to developer environments
- Created company wiki simplifying building processes enabling reliable and repeatable processes.

PROFESSIONAL ORGANIZATION, CERTIFICATIONS, AND HONORS

- LEAP Fellow Award Recipient. August 2022
- (ISC)² Member. Feb 2022
- Certified Authorization Professional. Feb 2022
- Individual Mission Achievement Award (2), Disruptor Award, Individual Star Award. April 2018 – June 2022
- Co-authored "Blockchain Network for Space Object Location Gathering". Presented at IEEE IEMCON 2018
- National Science Foundation (NSF) CyberCorps: Scholarship for Service (SFS) Recipient. Aug 2017- May 2018