CHRISTOPHER CALDAS

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QUANTITATIVE ANALYSIS	ARTIFICIAL INTELLIGENCE	COMPUTER SCIENCE

- US Citizen earning a First Class Bachelor Degree in Artificial Intelligence and Computer Science abroad (Scotland).
- Leader of people and processes across technical teams, academic missions, and social guilds achieving major wins.
- Builder of machine learning models to improve lives and elevate organizational performance.
- Leverage experience and education for transformational change in innovative and continually evolving work.
- Experienced with Data Science and Data Manipulation techniques in real-world environments.
- Industries include Data Technology, Healthcare, Robotics, Computer Science, and Academia.
- Proficient in machine learning algorithms and reinforcement learning.
- Excel in collaborative team management across disciplines and varying experience/knowledge levels.
- Repatriation to USA expected in Spring 2021.

TECHNICAL PLATFORM

- Programming Languages: Python, C++, Java, SQL, HTML

- Project Management Applications: Slack, Git, Jira

- Data Science/Data Manipulation: TensorFlow, Numpy, pyTorch, Google Cloud Platform

- Applications/Environments: Agile Development

CRITICAL SKILLSET

Quantitative Analysis	Neural Networks
Machine Learning	Natural Language Processing
Data Science	Problem Solving
Data Manipulation	Time Management

EDUCATION

UNIVERSITY OF EDINBURGH—UK   SPRING 2021
Bachelors Honors Degree First Class; Artificial Intelligence and Computer Science; GPA: 3.5

Dissertation: "Algorithms for Automated Robotic Design, Comparing Genetic Algorithms to Machine Learning Applications"

Core Coursework:

Natural Language Understanding, Generation, and Machine Translation	Informatics – Software Engineering
Foundations of Natural Language Processing	Informatics – Processing Formal & Natural Languages
Blockchains and Distributed Ledgers	Informatics – Algorithms, Data Structures, Learning
Applied Machine Learning	Informatics – Object-Oriented Programming
Software Testing	Informatics – Functional Programming
System Design	Informatics – Reasoning and Agents
Machine Learning and Pattern Recognition	Informatics – Computation and Logic
Algorithmic Game Theory and its Applications	Informatics – Data and Analysis
Discrete Mathematics and Mathematical Reasoning	Physics
Probability with Applications	Calculus
Morality and Value	Logic

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RELATED EXPERIENCE

RINGLEAD, INC.   SUMMERS 2019 & 2020
Software Engineering Internship
#1 data quality management tool for Data Orchestration, RevOps, and Technology consolidation.
- Functioned as a QA Engineer.
- Conducted quality analytics to assist the Software Development Team with new product rollouts.
- Analyzed data vendors' contact datasets. Co-created search engine for client's Data Exchange marketplace.
- Gained hands-on overview/skills for small company technology company operations and team communications.
- Shadowed lead software engineer at potential client sales meetings.
- Authored Product User Guide sections.
- Executed:
    New Product Quality Assurance Engineering   Database Quality Testing
    Product Code Coding and Review   Code Debugging

EDINBURGH UNIVERSITY RIFLE CLUB—EDINBURGH, SCOTLAND   2017–2020
President / Treasurer / Air Team Captain
- Led operations for one of Edinburgh University's most successful sports clubs.
- Coaching Member developing novice shooters to competitive shooters at the University Level.
- Service Award recipient for leadership, operations, and coaching achievements.
- Progressed to leadership roles: President, Treasurer, Ordinary Member, Novice Coordinator, and Air Team Captain.

PUTNAM HOSPITAL CENTER—CARMEL HAMLET, NY   SUMMERS 2015 & 2016
Internship
- High School internship focused on Network Improvement. Shadowed engineers. Executed wire management.

COLD SPRING HARBOR HIGH SCHOOL—NY   2014–2016
Teaching Assistant – AP Computer Science
- Taught and tutored Java and Visual Basic object-oriented programming.
- Explained abstract programming concepts to students with zero prior coding experience.
- Prepared several high school classes for the AP Computer Science Exam.

FRC ROBOTICS TEAM 2875 – COLD SPRING HARBOR HIGH SCHOOL—NY   2014–2016
Vice President
- *Second Place Winner*: 2016 New York International Competition, with 51 competing teams.
- Key Team Leader for hardware/software development enabling competition in international First Robotics events.
- Created synergy across members and sub-teams for efficient robot-building communications within tight timeframe.
- Competitions focused on competitive robotic agility and task completion.

REFERENCES AVAILABLE UPON REQUEST