HARRISON PHILLINGHAM

MSc Computer Science Student @ University of Essex

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OBJECTIVE

A diligent and gifted Computer Science student with a passion for solving problems, seeking a role as an entry level Software Engineer. Eager to bring my communication and team management skills developed from society leadership at University into the workplace, alongside my pragmatic and proactive mindset.

EDUCATION & CERTIFICATIONS

MSc Computer Science, University of Essex   Graduating in 2024, Predicted First

- **Recent Modules** include Neural Networks, Machine Learning, App Development and Computer Vision.
- **Dean's List for Excellence Award (Years 1-3)**
  Awarded each time for achieving a total mark of at least 80% in an academic year
- **Third Year Individual Project: Developing an AI player for a board game**
  Achieved a grade of 89%. Using and extending the MiniMax Algorithm to develop an AI player for the board game "The Settlers of Catan", a classic strategy game involving trading, chance and hidden information.

TECHNICAL SKILLS

Programming Languages - Python, Java, HTML, CSS and Javascript
Tools - Git and GitHub/GitLab for Version Control, JIRA for Agile Methodology
Machine Learning Packages - TensorFlow and Keras

EXPERIENCE

Work Experience Week   July 2023
Power Play Projects   *Harwich, Essex*

- **Automated Code Refactoring** - Designed and developed an automatic refactoring tool to generate new sub-scripts from pre-existing code, now in use by the company.
- **Problem Solving** - Engaged in a call with a client, including suggesting, testing and implementing a fix to a problem that was highlighted.

Customer Sales Assistant & **Checkout Supervisor**   May 2019 - Present
East of England Co-operative   *Manningtree, Essex*

- **Exceptional Customer Engagement & Issue Resolution** - Demonstrated proficiency in promptly addressing customer issues related to incorrect products, pricing discrepancies and transaction errors.
- **Cash Handling** - Trusted to perform end-of-day till closures, securely storing funds in a safe.

VOLUNTEERING & EXTRACURRICULAR

Over 500 hours of volunteering logged while at the University of Essex, including:

Founding President of Computer Science and Electronic Engineering Society   2021 - 2023

- **Effective Communication & Adaptability** - Pioneered a new level of communication between department and cohort by bringing over 800 students together in an online forum. This was used to voice feedback, as well as maintain interaction during COVID and facilitate skill development among peers.

President of Christian Union Society   2023 - 2024

- **Leadership & Community Building** - Led the society committee and coordinated various activities including worship sessions and evangelistic events. Brought together a diverse group of individuals, promoting a sense of belonging and community.