Conor Cosnett

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Work Experience

Customer Success Manager - Wolfram Research March 2024 - June 2024

- Managed relationships with top-paying Enterprise Customers (pair-programmed with them).

Customer Facing Mathematica Programmer June 2022 - March 2023

- Solved over 1200 complex math and programming problems for clients including Boeing, the US Navy, Raytheon, and renowned physicists, e.g. Andrew J. Hanson.
- For more than 1 year I held the highest customer satisfaction rating in the team.
- Achieved a perfect score on the Wolfram Entrance Exam. Programmed this https://github.com/ccosnett/hard-collision-simulator/

Founder in Residence - Enterpreneur First, London Mar 2022 - June 2022

- I was accepted into the 2022 cohort and spent 4 months brainstorming and collaborating with some of the smartest minds of my generation.
- EF is a talent investor/startup incubator with a 3% acceptance rate. It is backed by Founders Fund, with notable figures including Reid Hoffman (LinkedIn), Peter Thiel (PayPal), and Demis Hassabis (Google DeepMind).

Python & SQL Programmer - Liqquid, London May 2021 - April 2022

- Wrote code to estimate house prices using large datasets of property features and historical prices in the UK.
- Developed a image processing pipeline that extracts valuable data from floorplan images and images of energy performance certificates.

Research Work

Research Internship - Applied Optics Group, University of Galway Summer 2018 - Summer 2018

- Extended neural network exoplanet detection system with localization (developed in final year project); replaced 2D Inception V3 with 3D CNN, compared via ROC curves. Applied Autoencoder to remove speckle noise from imaging sequences.

Research Internship - Applied Optics Group, University of Galway Summer 2017 - Summer 2017

- Developed proof of concept for detecting exoplanets by training a neural network on noise-added Gaussian images using Mathematica.
- Built a custom neural network using TensorFlow, optimized for rapid experimentation on a triple-GPU machine which I built.

Education

Dip. Applied Mathematics - University of Galway Sep 2019 - Sep 2020

- First Class Honours with Overall Grade 82%

B.Sc. Applied Physics - University of Galway Oct 2012 - Jun 2018

- First Class Honours with Overall Grade 75%
