Conor Cosnett

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Work Experience

Customer Success Manager - Wolfram Research March 2024 - June 2024

- Managed relationships with top-paying Enterprise Customers (and 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.
- Acted as the team's subject matter expert for the OpenAI API integration into Mathematica, solving over 200 cases in this area.
- Developed an intelligence augmentation system utilizing the OpenAI API that increased my productivity and performance as an engineer.
- For more than 1 year I held the highest customer satisfaction rating in the team.
- Achieved a perfect score on the Wolfram Entrance Exam, solving many puzzles including programming 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

Post Graduate Work - TUM, Munich Jul 2017 - Jun 2018

- Uncertainty quantification in physical simulations using bayesian methods and machine learning.
- Design optimization under uncertainty.
- Collaborative development of a C++ research code (Full CI/CD pipeline).
- Visualization of complex simulation output using Paraview, Plotly, D3.js, ...
- Held several positions as teaching assistant.

Visiting Graduate Researcher - Stanford University, California Oct 2016 - Jul 2017

- Implemented gradient computation in a C++ fluid dynamics code
- Application: Parametric shape optimization of flexible wings.
- Audited Stanford lecture series on machine learning by Andrew Ng.

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%

Professional Certifications - Online, Multiple

- Total of 16 professional certifications including
- Blockchain Developer Nanodegree - Udacity
- 5-part deep learning specialization - Deeplearning.ai
- Decentralized finance - Duke University
- Full list on LinkedIn
