

Conor Cosnett

✉ conorcosnett@gmail.com | ☎ 00353-87-929-7553 | 🌐 ccosnett | 🌐 conorcosnett

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 - Entrepreneur 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 - Liquid, 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.
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Research Work

Research Internship - Applied Optics Group, University of Galway

Summer 2018 - Summer 2018

- Awarded a summer internship by the College of Science, NUI Galway.
- Extended my final year exoplanet detection system to include localization.
- Replaced the 2D Google Inception V3 classifier with a 3D CNN and compared both using ROC curves.
- Used an Autoencoder to remove speckle (optical noise) from direct imaging sequences.
- Documented the project in a journal-style format.

Research Internship - Applied Optics Group, University of Galway

Summer 2017 - Summer 2017

- Awarded a summer internship by the College of Science, NUI Galway.
 - Developed proof of concept for detecting exoplanets by training a neural network on noise-added Gaussian images using Mathematica.
 - Enhanced classifier by using more realistic training data with the PeX simulator.
 - Built a custom neural network using TensorFlow, optimized for rapid experimentation on a triple-GPU machine which I built.
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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
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