

CHRISTOPHER CHARLES COLIN COLENZO

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DOB: 06/09/1995

Location: London

EXPERIENCE

MAY 2021 - CURRENT

AERODYNAMICIST, AERO-DYNAMIQUE, OXFORD

- As a Aerodynamicist consultant I have worked on a range of projects from motorsport (Formula 1), commercial applications and with professional athletes.
- Working closely with clients to discuss project requirements, solution viability and communicate results both in presentation and as final written reports.
- Key focus on problem solving solutions which carefully consider complex technical regulations to pin-point loopholes to exploit performance.
- Exposure to test methods, Computational Fluid Dynamics (CFD) (setting up and running simulations) and wind tunnel testing using Kiel probes, pressure taps, Medusa, flow vis.

AUGUST 2019 – MAY 2021

DEVELOPMENT ENGINEER, THE RIDER FIRM (HUNT BIKE WHEELS), BRIGHTON

- Passionate about cycling and aerodynamics, I joined Hunt to lead introducing an in-house CFD procedure using OpenFoam to design new bike rim profiles.
- Utilised this process to develop a number of new bicycle wheels, produce prototypes and validating in the wind tunnel and deliver to market.
- Designed products utilising patent pending technologies.
- Varied project exposure, testing impact performance in-house to confirm that wheels conform to ISO 4210-7 requirements with a mechanical testing rig I designed.

AUGUST 2018- AUGUST 2019

MECHANICAL DESIGN ENGINEER, MAZAK, WORCESTER

- Transferred knowledge from my University Degree to industry.
- Applying my skills in CAD design and innovation in developing automation solutions for manufacturers to improve their production efficiency.
- Gained a solid grounding in delivering projects and solutions from concept to manufacture.

EDUCATION

Master's in Mechanical Engineering (69%) – Upper Second Class (University of Exeter, 2014-2018)

A-level: Maths(A), Further Maths(A), Physics(A*) (GCSE A* Maths and English) King's Worcester

TECHNICAL SKILLS

- CAD - Solidworks/CATIA
- CFD - OpenFoam/StarCCM/Ansys
- Programming - Python/Matlab

ACTIVITIES / ACHIEVEMENTS

Competitive athlete, keen single-figure handicap golfer, University Golf Team Captain.