

# Tom Martin

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## Profile

Data scientist and machine learning engineer, with previous commercial experience as a software engineer in companies ranging from startups to large e-commerce companies. Able to bring together experience from all fields to deliver impactful business solutions. Experienced with Python and libraries such as Pandas, NumPy as well as big data technologies, machine learning development tools, all major public cloud vendors, and database technologies.

## Experience

### Customer Analytics Data Scientist, Manager

Jul 2022 (current)

PwC, London, UK

- Created end-to-end cloud-based ML pipeline to enable clustering of over 50 million unique customers big data technologies
- Senior developer in internal project to scale out delivery of analytics projects, leading to 75% reduction in processing time
- Led delivery of customer analytics report for a major business partnership

### Customer Analytics Data Scientist, Senior Associate

Feb 2021 - Jun 2022

PwC, London, UK

### Consultant Data Scientist

Nov 2019 - Oct 2020

CybSafe, London, UK

- Scoped and outlined data components of major B2B product, performing all data science work independently
- Development of novel model to predict time between user email prompts
- Consultation and development of KPIs, metrics, and dashboarding for multiple initiatives
- Multiple company-wide presentations
- Ongoing support for data platform and MLOps

### Data Scientist

Apr - Oct 2019

Capita Employee Solutions, London, UK

- Created probabilistic models for major public sector project
- Curated data sources and produced multiple data components for B2B product
- Created self-service Flask web app deployed on Microsoft Azure

**Data Scientist** **Nov 2017 - Mar 2019**  
Skills Matter, London, UK

- Created web app to view conference reviews using ranking algorithm and sentiment analysis
- Customer segmentation and analysis
- Created and maintained data infrastructure
- Mentored junior members of staff on data analysis tools

**Software Engineer** **Dec 2014 - Nov 2017**  
OpenTable, London, UK

- Full-stack web developer
- Developed microservices, using full-stack JavaScript: NodeJS, Express, Hapi, Backbone, React, Grunt, MongoDB, Webpack

**Developer** **May - Oct 2014**  
Modaventure, London, UK

## Volunteering

**Advisory Board Member** **Nov 2022 (current)**  
Be the Business

**Volunteer** **Jun 2022 (current)**  
Good Data Institute (GDI)

- Completed data curation and dashboard project for Rānui Action Project

**Mentor** **Apr 2022 (current)**  
PyData Global

## Courses

- AgilePM Foundation, APMG International, Online, Mar 2023
- Machine Learning DevOps Engineer, Udacity, Online, Feb 2022
- Executive Data Science Specialisation, Coursera, Online, Apr, 2022
- Machine Learning Engineer Nanodegree Udacity, Online, Feb 2017
- Web Development Immersive General Assembly, London, UK, Mar 2014

## Education

**Data Science MSc, Distinction** **2018 - 2021**  
City, University of London, UK

**Physics with Theoretical Physics MSci, First Class** **2008 - 2012**  
Imperial College London, UK

- Undergraduate Research Opportunities Programme (UROP) June - August 2011