

Tom Martin

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Profile

Data scientist with previous commercial experience as a software engineer in companies ranging from startups to large e-commerce companies. Able to bring together experience from both fields to deliver impactful business solutions. Use Python and libraries such as Pandas, NumPy as well as Tableau, Airflow, AWS, and NoSQL technologies. Looking for a data scientist role in a company where I can apply my skills and knowledge to interesting business and technical challenges.

Skills

Programming Languages Python, JavaScript, Node.js, R, Ruby

Libraries Pandas, NumPy, Scikit-learn, JupyterLab, SciPy, PySpark, TensorFlow

Data Visualisation Metabase, Tableau, Google Data Studio

Databases MySQL, PostgreSQL, MongoDB, Amazon Redshift

Infrastructure AWS, GCP, Microsoft Azure, Docker

Experience

Consultant Data Scientist

Nov 2019 (current)

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 pre-employment screening POC using Ethereum blockchain
- 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
- Embedded in multiple product and sales teams
- 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
- DevOps culture: Docker, Mesos, Singularity

Developer

May - Oct 2014

Modaventure, London, UK

- Startup producing a range of B2B products
- Developed web application, using full JavaScript stack: AngularJS, Grunt, Bower, NPM, MySQL
- Developed data visualization product using open source libraries, D3JS

Public Speaking

- [The Why of Data-Driven Organisations](#), Ininiteconf 2018, July 2018
- [Neural Networks from Scratch](#), Ininiteconf 2017, July 2017
- [The Brief on Developer Book Clubs](#), London Web Standards, January 2017
- [Progressive Web Applications](#), Web Platform London, December 2016

Courses

- Data Analyst Track Dataquest.io, online, October 2017
- Machine Learning Engineer Nanodegree Udacity, online, February 2017
- Web Development Immersive General Assembly, London, UK, March 2014

Education

Data Science MSc

2018 - 2020

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