JONATHAN PILLAY
Backend Python Developer

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Computer/Data Science Training and Qualifications

Introduction to Computer Science and Programming in Python // **MiT OpenCourseWare 6.001**

- Covering the fundamentals of programming along with more abstract notions in computer science such as good practice, OOP, and computational complexity and 'Big O' using the Python programming language.

Computational Thinking and Data Science // **MiT OpenCourseWare 6.002**

- Building upon 6.001 solving optimisation problems, stochastic thinking and simulations, and analysing experimental data, with a brief introduction to machine learning. Using the matplotlib and NumPy throughout.

Web Programming with Python and Javascript // **Harvard OpenCourseWare CS50W**

- Web programming centred around Django, HTML, Javascript, CSS, and SQL. Using Git and GitHub for version control. I have focused my energy on this course on Django - culminating in building a functioning auctions site that is available to view here.

EDUCATION

International Politics MSc // **SOAS (University of London), 2017-18**

- Global Energy and Climate Policy, Introduction to Statistics for Social Scientists,
- Dissertation: The 'Smooth' Space of the Internet as a Public Sphere - A Critical Analysis

Politics and Economics BSc (Hons) // **SOAS 2009-13**

- Duel honors course concentrating on issues affecting developing countries within the globalised world.

WORK HISTORY

Chef // **Bongbong's Manila Kanteen**, Seven Dials Market, London
May 22 - Present

- Filipino street food in this high end food market in the centre of London's Covent Garden. Attention to detail and excellent quality control needed to deliver repeated high level service. Helping less experienced chefs develop their own skills and confidence in the workplace. Working with a Filipino menu offering the chance to work with new flavours.

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SUMMARY/OBJECTIVE

I'm a humanities BSc and MSc graduate who became interested in the code's transformative potential. During my MSc I studied the technological and political aspects of the climate crisis, the centrality of computer systems in the structuring and optimising a green future has been the driver behind me upskilling in coding, I've always enjoyed problem solving and it has been a joy to learn. My goal is to work for a company transforming the energy sector into a Distributed Energy Resources model.

The ambitious goal engages all my training, with my background in politics and economics giving me a good handle on many complexities of the challenge.

I am focused on applying and building upon my diverse skills with an organisation with the same goals - it would be great to talk about how I could add value to your operations as a developer.

SKILLS

- Python, Django, HTML, CSS, Javascript
- Data-Science: Optimisation, Stochastic Thinking, Simulation, Experimental Data and Statistics
- Excellent Researcher and communicator, written and oral
- Strong interpersonal skills developed from professional experience