

ALEX GEESON

DEVELOPER & DATA SOLUTIONS

Versatile Back-End Developer with 2 years of experience in data and software development. Specializing in web server administration and geographic location services. Mostly working with Django web framework, SQL and Postgres. Well-versed with a variety of large datasets, from mailing-lists and addresses, to finance and location data. Officially trained in Python, but have developed knowledge of JavaScript, HTML and CSS along the way. Always keen and motivated to learn and master new skills.

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KEY SKILLS

FRONT-END:

- Angular.js
- Bootstrap
- Folium, GoogleMaps, Leaflet.js
- Materialise

BACK-END:

- Django
- Flask
- Heroku, Github Pages
- Java FX

DATABASES:

- SQLite, SQL, PostgreSQL

- GeoDjango, GIS

- Tableau, Excel

TESTING:

- Django

DEVOPS:

- Kubernetes

SDLC:

- Familiar with several processes including agile, waterfall and iterative

LANGUAGES & LIBRARIES:

- Python : Numpy, Pandas, Geodjango
- JavaScript: JQuery, AJAX

TECHNICAL EXPERIENCE

PERSONAL PROJECT (2019-2020)

OUTDOOREX

A web app that allows users to add geographical locations and classify and rate them so that members of the community could discover and explore new locations, as well as implementing a forum and social aspect to the community.

- Django Framework which consisted of location, users, merchandise and forum apps
- Implemented custom forms for geographical functionality
- Attached icons and images to Django objects to give the site a unique style
- Implemented mailing system and merchandise page
- Launched the site with Heroku
- **Greatest Achievement** – First project to see go from its birth to a launch

DATA ANALYTICS (2017-2019)

AIRBUSINESS

My first role as a graduate. This position gave me an insight into the world of data as I worked with mailing lists 100,000s of rows long. I found manipulating, investigating and communicating insights about the data very interesting and fulfilling. However, working with excel and analytics software was too high-level for me and I wanted to work from a more fundamental state for my own growth and interest. This led to pursue training in computational thinking and programming languages in my free time and ultimately employment in the field.

- Data support and analytics - Conducted logistics analysis, dealt with technical problems and handled client data
- VLOOKUP, Pivot tables, Basic Functions, Concatenate Macros, A/B Tests, Statistics
- Professional Communication – meeting with old / prospective clients and different teams internally, dealing with client queries, negotiating and closing
- SQL, Tableau, Excel – Data Modelling, clearly presented financial reports and insights
- **Greatest Achievement** – managing a client with over 100,000 addresses world-wide – responsibilities included maintaining, streamlining and communicating with the client

DIGITAL STRATEGIST (2014-2015)

JAMES WARE STEPHENSON LLP (Entertainment Law Firm)

- Research & Market analysis – search engine optimisation, A/B testing, Modelling, progress reports
- Communication – explained digital restructuring and technical processes to senior partners/executives
- Cloud Design – streamlined client info and created online interface for company where information could be readily accessed
- **Greatest Achievement** - Business Development – Advised on: reshaping of online presence both publicly and internally, website interface, audience targeting, options for cloud storage, set up for cloud storage

EDUCATION & QUALIFICATIONS

COMPUTER SCIENCE:

- Python Crash Course: A Hands-on, Project-based Introduction to Programming (Mathews, Eric),
- Python for Finance: Investment Fundamentals and Data Analytics
- Course: Data Science A-Z (Kirill Eremenko)
- Course: Machine Learning A-Z (Kirill Eremenko)

UNIVERSITY OF NOTTINGHAM: PHILOSOPHY BA: 2 : 1

- Propositional Logic
- First Order Logic
- Philosophy of Science
- Philosophy of Language
- Political Philosophy
- Eastern Philosophy

INTERNATIONAL BACCALAUREATE: 36

- Higher: Physics, Music and History
- Standard: Maths, Literature and Spanish

FREE-TIME

My passion for technology is not limited to my work-life, I'm currently working on two projects at home for fun as I want to understand more about robotics and machine learning. My main interest currently is working with location-based data and robotics to do with agriculture, but I am also very interested to get into speech patterns. However, I do get out. I am a keen climber and I am in the process of mastering middle-eastern shawarmas in the kitchen.

References available upon request.