

Sebastien Williams-Wynn — curriculum vitae

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PROFESSIONAL EXPERIENCE

REVOLUT, LONDON, ENGLAND

Software Engineer

2019–Present

- Developing internal APIs to serve as fincrime’s first response to suspicious user activity.
- Developed and maintained several APIs, libraries and our API template and Helm chart.
- Lead a team to setup CI/CD pipelines of our internal data APIs. Utilising Helm, k8s and terraform, with the aim of minimising downtime and disruption.
- Standardised areas of engineering including: logging practices, library structure, server builds and deployment.
- Introduced lean and agile development methods.

CYTORA, LONDON, ENGLAND

Software Engineer (1yr10mn)

2017–2019

- Designed architecture of postal address search service. (Used in cluster analysis).
- Setting core precedents and values for software projects, introduced the use of code coverage.
- Built schema validation pipeline for ingesting external and customer data.
- Workflow optimisation, creator and maintainer of shared libraries, to reduce untested and repeated code. This allowed for quicker and consistent data processing.
- Exposed to: GCP, AWS(S3), Docker, Kubernetes and Elasticsearch, CI/CD, Git, unit testing, postgresql.

MSC CRUISES, LONDON, ENGLAND

Data Analyst (Pricing, 10mn)

2016–2017

- Built their first internal pricing database with python and SQLite.
- Ran scheduled price validations, checking for human errors.
- Automated the generation of sales, business and demand activity reports.
- Pricing adjustments from analysing of key indicators.

EDUCATION

THE UNIVERSITY OF EDINBURGH, EDINBURGH, SCOTLAND

Scottish MA (Hons) Economics and Finance

2012–2016

Dissertation: *“Informal Financing and the Collective Good”*

This paper derives and develops models to explain co-operation among individuals of goods that offer quantity discounts. The focus is to explain and represent mathematically the determinants and interactions of co-operation, such as:

- Altruism
- Fairness
- Matching (Seeking)
- Determination of trust
- Signalling
- Conspicuous signalling

SOFTWARE PROJECTS

Most of my time is devoted to improving my engineering ability, as a consequence you'll find me [reading](#) textbooks on [software architecture](#), practicing [design patterns](#) and challenging myself to build [things](#) in new domains.

Over the past two years I've made the following:

Foolscap

<https://github.com/foxyblue/foolscap>

A note management tools using Python and Vim. The key features of this tool is to centralise storage of my notes and optimising finding the notes I need, based on frequency of usage and tagging.

DennisBot

<https://twitter.com/CanDennisDream>

A twitter bot reading existential literature and generating tweets (hourly), deployed on heroku.

RELEVANT ACTIVITIES

Beyond the project experience mentioned above, I have aimed to [give back](#) to the community by [contributing](#) to open source projects. Another place you'll be likely to find me is at [meetups](#) around London, such as Go London and London Postgresql. Additionally I have completed the following courses online:

Coursera

2017–2018

- Algorithmic Toolbox - an introduction to algorithms.
- Data Structures.
- Algorithms on Graphs.

Udemy

2018

- Docker Mastery

HOBBIES AND TRIVIA

Other than engineering related activities, I enjoy impactful literature such as Karl Popper's *"The Poverty of Historicism"* and Malcolm X's *"Malcolm X"*. I have enjoyed rowing and captaining field hockey teams. My competitive spirit has allowed me to break a 3000m record at school which stood for over 30 years, with a time of 8min36sec. I haunt cafes and listen to Jon Hopkins.

EFFECTIVE TEAMS

I enjoy working in impactful development teams, especially on infrastructures, since my dedication can be enjoyed by those around me. I have often been able to find solutions in tough circumstances and I've enjoyed coming out on top. I am dedicated to the product and delivering experience to the user.