

Cameron Bamford

Full-stack developer, experienced with React and Python.

Education

University of Kent

B.S. IN COMPUTER SCIENCE, 2:1

Canterbury, Kent

2014 - 2018

- Modules in **Java, Erlang, OCaml**.
- Final year project in **Python/React**:

A commute map showing the maximum distance travelled in a given time, anywhere in the UK.

Using Leaflet JS, Bing API and custom parsing / filtering logic.

Experience

Gambit Research

London, UK

SOFTWARE DEVELOPER

Jul. 2018 - Present

- Maintained a legacy internal accounting / auditing application (mostly working independently), adding new features and debugging complicated issues with money flows and revenue streams.

[Python, Django, Postgres, FastAPI]

- Built a complex trading analysis tool, transforming positions on sports betting events into grids using Python and Pandas in a microservice architecture, storing the grids in Redis, and displaying the results in a React frontend.

[Python, Pandas, Flask, Javascript, React, Redis, Postgres]

- Developed a D3-based timeline for a "bookie event" analyser, displaying data from a Postgres database in a user-friendly way, with custom interactions for manually fixing incorrect data.

[React, D3, Postgres]

- Maintained around 10 web-based tools, fixing bugs and adding functionality in a team of 2. Variety of languages / stacks used.

[Python, Flask, Django, React, GraphQL]

- Worked on team scraping bookies for data on bet prices / availability.

[Python]

Sky Network Services

London, UK

SOFTWARE DEVELOPER

Sep. 2016 - Jun. 2017

- Worked on telecoms/broadband provisioning backend, using TDD principles and pair-programming.

[Java, Spring, TDD, Agile]

Dolphin

Worcester, UK

INTERN

Jun. 2014 - Sep. 2014

- Aided QA team by developing a test automation system using Python, allowing for the creation of test cases that verified basic GUI functionality in an eBook reader application.

[Python]

Extracurricular Activity

Open Government Hackathon

London, UK

HACKATHON PARTICIPANT, WON IN CATEGORY 'WILDCARD'

Nov. 2015

- Worked in a team of 2, with a webapp that helped disabled badge holders work out where they could legally park in London boroughs, using a combination of geolocation and user interaction.