

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

SOFTWARE DEVELOPER

London, UK

Jul. 2018 - Present

- Built a complex trading analysis tool, transforming positions on trading events into grids using Python and Pandas on multiple workers, storing the grids in Redis, and displaying the results in a React frontend.
[Python, Pandas, Flask, Javascript, React, Redis]
- Developed a D3-based timeline, displaying data from a Postgres database in a user-friendly way, with custom interactions for manually fixing incorrect data.
[D3, PSQL]
- 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

SOFTWARE DEVELOPER

London, UK

Sep. 2016 - Jun. 2017

- Worked on telecoms/broadband provisioning backend, using TDD principles and pair-programming.
[Java, Spring, TDD, Agile]

Dolphin

INTERN

Worcester, UK

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

HACKATHON PARTICIPANT, WON IN CATEGORY 'WILDCARD'

London, UK

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.