

# Wesley Jessie

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## EXPERIENCE

### Software Engineer @ Holistic AI

July 2022 - Sept 2022

- Initially joined as Data Scientist
- Wrote modern code in React 17, 18 and Typescript as part of an Agile team
- Implemented company's login page using GCP Identity Platform and Firebase Authentication
- Set up the CI/CD pipeline for the front end repo using GitHub Actions. As part of the pipeline:
  - Implemented and maintained unit and E2E tests using Jest and Cypress.io following Testing Library best practices
  - Set up automatic deployment using Firebase Hosting GitHub Action
  - Implemented linting rules and a formatter using ESLint and Prettier
  - Used Parcel as the build tool
  - Configured Babel, parcel/css, and PostCSS so that Jest, Tailwind CSS, Typescript, and Ant Design worked with Parcel without throwing errors or warnings
- Delivered a POC demonstrating the use of Protocol Buffers to make requests to backend API
- Used Tailwind CSS and Ant Design as styling and component library
- **Role discontinued due to start-up's budget. To get a reference of my performance, contact ciprian.hurmuzache@holisticai.com (Lead Developer), umar.mohammed@holisticai.com (Senior Developer), or emre.kazim@holisticai.com (COO)**

### Data and Economic Consultant @ London Economics

Apr 2019 - Feb 2022

- Wrote code in Python and R to wrangle, visualise data, and build machine learning models
- Delivered economic forecasts and dashboards to clients such as Welsh Government, UK Space Agency, and European Commission
- Led and delivered impact assessments as project manager

### Visiting Lecturer in Statistics and Econometrics @ City University

Jan 2019 - Jun 2019

- Taught undergraduate statistics and econometrics
- Led lab sessions in Excel and Stata
- Taught topics such as sampling and statistical inference and regression analysis

### Teaching Assistant @ London School of Economics

Sept 2017 - Jun 2019

- Earned Highly Commended Class Teacher prize for teaching microeconomics
- Achieved student ratings of 4.7/5 (5 highest) in 2018/19 and 1.3/5 (1 highest) in 2017/18

## PROGRAMMING LANGUAGES

- JavaScript (ES6)
- TypeScript
- Python
- R
- HTML & CSS
- SQL (PostgreSQL)
- Stata

## LIBRARIES & FRAMEWORKS

### Front End:

- React
- Jest
- Cypress.io
- Tailwind CSS
- Bootstrap 5
- Ant Design

### Data:

- Flask
- Dash
- Pandas and Numpy
- Scikit-learn
- Plotly, Matplotlib and Seaborn

## TOOLS

- Git
- GitHub Actions
- Parcel
- Vite
- Firebase
- Google Cloud Platform
- Protocol Buffers

## EDUCATION

### London School of Economics

Aug 2017 - Jun 2018

MSc Economics, Merit

### University of Sheffield

Sep 2014 - Jun 2017

BSc Economics, First Class Honours