

# Tom Binnie

+447874925358 | [tombinnie@protonmail.com](mailto:tombinnie@protonmail.com) | [tombinnie.com](http://tombinnie.com) | [linkedin.com/in/tom-binnie](https://linkedin.com/in/tom-binnie) | [github.com/tomkotsu](https://github.com/tomkotsu)

## PROFILE

---

I am a Frontend Web Developer using React, JavaScript (ES6+), HTML5, CSS3, Tailwind, SQL, and with professional experience in Python through Data Science work. I am passionate about utilising technology for societal good.

## SKILLS

---

**Programming Languages:** Python, JavaScript, HTML5, CSS3, SQL (Postgres)

**Frameworks:** React, Tailwind, Django, TensorFlow

**Developer Tools:** Git, Docker, VS Code, Linux

**Natural Languages:** English (Native), Japanese(Advanced - JLPT N1), French (Intermediate)

## PROJECTS

---

**Forget-Me-Not** | *React, Tailwind, Python, PostgreSQL, TensorFlow*

[live site](#) | [source code](#)

- Flower identification tool with photo upload, user login and saved results. Utilises self-built computer vision AI to identify British flowers from user photos.
- Convolutional Neural Network built using TensorFlow API. Trained on almost 10000 publicly available flower photos from the University of Oxford, and able to categorise 102 species.
- User login and data managed with Django and PostgreSQL.
- Responsive, mobile-first Frontend built in React.

**Daruma Ramen** | *React, Tailwind, JavaScript*

[live site](#) | [source code](#)

- Responsive, mobile-first ramen restaurant website. Complies with accessibility guidelines.
- Uses React hooks and state in functional components for interactive and intuitive features, including a build-your-own ramen feature which calculates price based on your choices.

**Portfolio Site** | *React, Sass, JavaScript*

[live site](#) | [source code](#)

- Personal portfolio site demonstrating other work and skills. Provides links to other projects in a responsive site with intuitive layout at any screen size.
- Utilises React Context API for toggleable dark-mode, giving users a choice of themes.

## EDUCATION

---

**University of Oxford**

Oxford, UK

*Master of Science in Japanese Studies*

*Oct. 2020 – Sept. 2021*

**King's College London**

London, UK

*Bachelor of Arts (Hons) in Philosophy, First Class*

*Sept. 2016 – June 2019*

## EXPERIENCE

---

**Junior Data Scientist**

Feb. 2022 – Present

*Sense Street, Ltd.*

*London, UK*

- Data Science for Natural Language Processing coding in Python daily.
- Built and now maintain internal web application for visualising progress to clients.
- Analysis and reports on internal data including visualisation.

**Data Science Teaching Assistant**

Dec. 2021 – Feb. 2022

*Le Wagon*

*London, UK*

- Taught students the fundamentals of programming in Python including OOP, and SQL.
- Taught data visualisation and analysis.