

# Benjamin Robson

## Software Engineer

---

**Location:** Helsinki, Finland

**Email:** [benjamin.h.robson@gmail.com](mailto:benjamin.h.robson@gmail.com)

**GitHub:** [github.com/benjaminhr](https://github.com/benjaminhr)

**Website:** [benjaminhr.com](http://benjaminhr.com)

---

---

## Skills

**Technologies:** Javascript, Python, Docker, Figma.

**Areas of interest:** Product development, design, prototyping, the internet, developer tooling.

---

---

## Experience

### Instagram / Software Engineer

October 2021 - April 2023, London UK

- Built, shipped, and scaled products to billions of users, increasing company top line metrics, revenue, and impressions. Worked alongside mobile engineers, designers, legal, product marketing, data science, product managers, and multiple partner teams.

- Subscriptions for Creators
  - Digital Collectibles and Payments
  - Gifting on Reels and Lives
  - Multi-factor authentication services
  - Instagram Web
  - Exclusive broadcast chats (collaboration with Nike)
- Built internal tooling used everyday by hundreds of engineers across the org

### Meta / Software Engineer Intern

June 2020 - September 2020, London UK

- WhatsApp and Javascript Infra teams
- Building [github.com/facebook/metro](https://github.com/facebook/metro) (react native JS bundler)
- Improved daily productivity of engineers on the team by 2x, by improving cold/warm starts of their JS tooling

### Microsoft Research Lab / Researcher Intern

June 2019 - September 2019, Cambridge UK

- AI and Research group
- Winner of Hack Cambridge 2019
- Building (under NDA) feature which extends search in Office products

### Supervisor Cloud / Software Developer

JUNE 2018 - JULY 2018, HELSINKI

- Created prototypes for a web app which allowed for the intuitive and easy creation of E2E and load tests at scale

## **Finnish Defence Forces / Special Forces**

JANUARY 2018 - JUNE 2018, HELSINKI

## **ResQ Club / Software Developer (Part-Time)**

JULY 2017 - DECEMBER 2017, HELSINKI

- Maintaining the resq.club website
- Advertising campaigns (i.e. introducing Apple Pay to Finland), and A/B testing

## **AppGyver / Software Developer**

JULY 2017 - DECEMBER 2017, HELSINKI

- Created E2E testing infrastructure for customer applications and the app development platform
- Created customer applications and custom components.
- Created integrations to our testing infrastructure such as monitoring screens, IoT for alerts and chat notifications.

---

## **Education**

---

## **Aalto University / MSc Computer Science**

SEPTEMBER 2023, HELSINKI

- Algorithms and Machine Learning

## **Queen Mary, University Of London / BSc Computer Science**

SEPTEMBER 2018-2021, LONDON

- Linear Algebra, Probability & Statistics, Operating Systems, Artificial Intelligence, Data Mining, Compilers, Embedded Systems
- Dissertation: "Learning  $\pi$ -calculus processes with Register Automata and Tomte"
- First Class Honours

## **International School of Helsinki / International Baccalaureate Diploma**

HELSINKI

- Higher Levels: Economics, History, and English
- Standard Levels: Mathematics (Calculus), French, and Chemistry
- Papers on: Six degrees of separation (Search algorithms in Python), The impact of public transport on the aggregate demand in Helsinki, and Efficient voltaic cell development