

# HENRY THOMPSON

CAMBRIDGE UNIVERSITY – COMPUTER SCIENCE

## EXPERIENCE

### PALANTIR

Forward Deployed Engineer | Starting Sept 2018

- Delighted to be joining Palantir in London upon graduation

### MICROSOFT (HEADQUARTERS – REDMOND, USA)

Software Engineer Intern | Jun - Sept 2017

- Part of the telemetry data tooling team with Windows Defender.
- Completed 4 weeks ahead of schedule a service to check jobs run on telemetry data without error, alerting teams to failures.
- Achieved broader impact by proactively engaging teams outside my own, gaining adoption of the tool by five teams in Microsoft.

### NETCRAFT

Internet Services Developer | Jun - Sept 2016

- Netcraft are leaders in online fraud detection and prevention.
- I developed a dashboard for the UK Government, a Netcraft client, to track Netcraft's effectiveness in phishing site removal. The dashboard's figures were widely quoted, including in newspapers.
- Fixed critical bugs for prominent clients such as BNP Paribas.
- Professional experience on PHP, Apache, MySQL, Unix & CentOS.

### FIREFLY LEARNING

Internet Services Developer | Jul - Aug 2015

- Firefly develop a virtual learning environment for schools.
- I developed tools to import/export user data, shipping 2 weeks ahead of schedule whilst learning C#, ASP.NET and SQL on the job.
- Offered a paid gap-year before university due to my performance.

## EDUCATION

### CAMBRIDGE UNIVERSITY | COMPUTER SCIENCE

2015 - Present

- First Class final year grade. Ranked 12th in the entire cohort.
- Awarded "Palantir Prize for Highly Commended Dissertation" for implementing an OS kernel interface to improve garbage collector performance. Analysis showed speedups of up to 39%.

## PROJECTS

### QUODA CODE EDITOR

Code editor on Android with 250,000 downloads. Includes (S)FTP connectivity, syntax highlighting, snippets with tabstops, and code completion. Excellent reviews from blogs and users.

### NEURAL NETWORKS FROM SCRATCH

At 17 I wrote a Neural Network and used it for character recognition. Project rated "outstanding" by Dr Simon Hay.

Visit [www.henrythompson.me](http://www.henrythompson.me) for more projects and further details.

## LEADERSHIP ROLES

### MICROSOFT STUDENT PARTNER

One of 50 students selected from 4000 globally to attend Microsoft Build in Seattle in recognition of "outstanding evangelism". I have hosted workshops and given talks discussing Microsoft technologies as part of the scheme.

### HACK CAMBRIDGE

Lead the sponsorship team of 9 people for the University's official hackathon. We raised over £90,000, of which I was personally responsible for £35,000.

### STAFF-STUDENT COMMITTEE

Elected by my peers against 3 other candidates to represent my year in Cambridge at the staff-student committee.

## TECHNICAL SKILLS

### FLUENT IN

C# | C | Java | TypeScript | Git | Android | Angular | Standard ML | OCaml | Firebase | ASP.NET MVC

### FAMILIAR WITH

C++ | PHP | LESS | SQL | JavaScript | SystemVerilog

## CONTACT

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