

# HENRY THOMPSON

CAMBRIDGE UNIVERSITY – COMPUTER SCIENCE

## LEADERSHIP ROLES

### HACK CAMBRIDGE

Heading up the 2018 sponsorship team for the University's official hackathon. Personally responsible for raising £28,000 in sponsorship for Hack Cambridge 2017.

### MICROSOFT STUDENT PARTNER

One of 50 students selected 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.

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

### FAMILIAR WITH

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

## CONTACT

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## EXPERIENCE

### MICROSOFT (HEADQUARTERS – REDMOND, USA)

Software Engineer Intern | Jun - Sept 2017

- Part of the Windows Defender team monitoring telemetry data.
- Developing a service to ensure telemetry analysis jobs run on big data sets without error, alerting teams to failures.
- Currently only 4 weeks in but initial feedback indicates "exceptional" progress, with critical jobs already on-boarded.

### NETCRAFT

Internet Services Developer | Jun - Sept 2016

- Developed a dashboard for the UK Government, a Netcraft client, to track the effectiveness of Netcraft services in taking down spam email sources automatically. Figures from the dashboard were widely used including in newspaper reports.
- 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

- Developed new features on their learning platform for schools
- These features shipped in the live product 2 weeks ahead of schedule despite me learning C#, ASP.NET and SQL on the job
- Learnt GIT, unit testing, code architecture practices and Agile

## EDUCATION

### CAMBRIDGE UNIVERSITY | COMPUTER SCIENCE | 1ST CLASS

2015 - Present

## PROJECTS

### QUODA CODE EDITOR

Code editor on Android with 200,000 downloads. Includes (S)FTP connectivity, syntax highlighting, snippets with tabstops, and code completion. Excellent reviews from blogs and users.

### NEURAL NETWORKS FROM SCRATCH

As a 17 year old 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.