

# CALLUM WRIGHT

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## EMPLOYMENT HISTORY (last updated Aug 2021)

### Software Engineer III at Sophos, Abingdon

Jul 2021 - Present

- Continued development on HitmanPro.Alert
- *Manage the build and release of the product*

Technologies: C++; Python

### Software Engineer II at Sophos, Abingdon

Aug 2019 - Jul 2021 · 2 yrs

- Developed HitmanPro.Alert; a behavioural based exploit mitigation product
- *Refactored the tracking of system processes and associated metadata to reduce complexity and increase maintainability while eliminating various edge cases*
- *Integrated batched analytics to be made available through Kibana*

Technologies: C++; Python

### Software Engineer Intern at Sophos, Abingdon

Jun 2017 - Aug 2018 · 1 yr 3 mos

- Developed Windows Server products Update Cache and Message Relay
- *Implemented certification chain validation to prevent impersonation attacks*

Technologies: C++; Python



## EDUCATION

### Computer Science BSc Seconds Class Honours, Upper Division, Loughborough University

Sep 2015 - Jul 2019

Final Year Project: *Classification of Environmental Sound Events*

Final Year Modules: *Advanced Artificial Intelligence Systems; Agent Based Systems; Algorithm Analysis; Cloud Computing; Computer Vision; Cryptography and Network Security; Data Mining; Robotics*

personal projects on next page



## PERSONAL PROJECTS

### **Personal Website**

Jun 2020 - Jul 2020 (refactored throughout 2021)

A portfolio that acts a single gateway to provide an overview of myself professionally and personally and is available at *callumwright.com*

- Worked solely on the project and managed all aspects from conception to release
- Developed front-end with React

Technologies: *CSS3; HTML5; JavaScript; React; Sass*

### **Whanalysis**

Dec 2019 - May 2020

Whanalysis is a web application that analyzes WhatsApp conversation and provides shareable analysis through an accessible platform *whanalysis.com*

- Worked solely on Whanalysis and managed all aspects from conception to release
- Developed front-end with Angular and back-end Python Cloud Functions with Firebase

Technologies: *Angular; CSS3; Firebase; Google Analytics; HTML5; JavaScript; Python; Sass; TypeScript*