

James Williams | CV

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Highly motivated undergraduate computer science student in the second year of a BEng degree. Passionate about software engineering, writing good code and learning how to do things "the right way". Looking for a role working and learning with others who share my passion.

Education

Academic Qualifications

- **Imperial College London** **London**
BEng (Hons) Computing, Predicted First Class 2017–2020
- **Monmouth Comprehensive School** **Monmouth**
*A Levels: A*A*A*A, GCSEs: 7A*s, 4As* 2010–2017

Academic Honours

- **Faculty of Engineering Dean's List (2017):** Awarded to students achieving a first and placing within the top 10% of their year.

Experience

- **Netcraft** **Bath**
Software Engineering Intern Summer of 2017 and 2018
At Netcraft I worked on the development of an upcoming anti-phishing iOS application. I spent time on the front-end iOS application, the Objective-C framework behind the app, and on a Go API used by the app. I was lucky to have the freedom to come up with new ideas for the app, and see them through to completion by working on the API, framework and app. I will be returning in the summer of 2018.

Personal Projects

(many more projects can be found on my website)

- **ErgCalc:** Free iOS app designed to be used by rowers. Offers a wide suite of calculations relating to ergometer (rowing machine) scores. Fairly popular given the niche market. 2k+ total downloads. Described by one reviewer as a "must have for all rowers".
- **Snap Text Effects:** iOS app that allowed users to convert text into different colours to be pasted into Snapchat. Made use of a bug in Snapchat that is now fixed, and as such is now deprecated. 70k+ total downloads.
- **SpringboardOrganiser:** Application for rooted iOS devices which allows users to sort their home screen icons by various criteria.

Skills

- **Programming Languages:** Proficient in: Java, C, Objective C, Python, HTML/CSS
Also have knowledge of: Go, Ruby, NodeJS, Bash, MySQL
- **General Software Engineering:** Git, Unix, CI/CD
- **Personal:** Excellent written English and communication skills, motivation and willingness to learn.