

## Tom Wallis

I'm a computing science student from Glasgow University with an appetite for unusual solutions to complex problems.

I like to do this by tying the knots between different subjects. This involves marrying a deep understanding of informatics and a breadth of knowledge from arts and sciences to come at problems from new angles. As a result, I work with systems modelling and algorithmics, as well as linguistics, culture, design and productivity studies.

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## Computing Science

Most computing science students have similar skills, like a fluency in languages such as Python, C, and Java. As well as standard taught languages, I have a solid foundation in  $\text{\LaTeX}$ , Javascript & web technologies, Haskell, and practices like Agile and TDD.

However, the cream of the crop are set apart by an understanding of how to *use* their skills. In addition to participating in a university hackathon, my dissertation explores my interest in computers and culture by modelling sociotechnical systems and assessing risk. My third year dissertation involved team organisation through a novel project management and ticketing system. As a hobby, I have applied software engineering tools like design patterns to improvised storytelling, with great success.

<https://github.com/probablytom>

<https://github.com/probablytom/behaviour-modelling>

<https://github.com/darrenburns/TeamProject3>

<http://projectalbert.net/>

## Further Skills

With any ordinary graduate, one would expect at least some degree of proficiency in their area of study. An agile mind, however, learns all the time about a wealth of subjects. I have a curiosity in maths and physics, having studied both at university level. In my spare time, I gravitate toward learning about linguistics and design.

A particular interest is typography and text-oriented design; this CV is designed with Matthew Butterick and Edward Tufte in mind.

Both as an employee of Glasgow University and as an optional part of my courses, I have taught in both schools and university lab sessions. I have learned to explain ideas intuitively and at a range of ability levels, and I'm excited to share what I know with others.

<http://practicaltypography.com/>

## Other Interests

I enjoy music, speciality coffee, fountain pens, organisational strategies, and terrible movies when I'm not creating and learning. I'm always curious about etymologies, and I write sporadically about all of this at my blog.

<http://blog.tomwallis.net>