# Matthew Tennison

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**EDUCATION**

**Computer Science, Newcastle University, 2014 - 2018**

- Currently a second year student, studying modules including: Algorithm Design and Analysis, Software Engineering and Computer Networks.
- Achieved a 80% stage average in year 1, with a first class mark in every module.
- Learnt a number of programming languages:
  - The primary language used on my course so far is Java, which I have used to make a number of applications, most notably a Web Browser through the use of the Swing library.
  - In one of my first year modules, Website Design and Construction, I furthered my knowledge of HTML, CSS and JavaScript. I have used these languages outside of the course as well, most notably to make a video annotation system in a local hackathon.
  - This year I am learning to program in C in my Operating Systems module, and have coursework involving writing a shell in the language.
- Worked in team projects in both first and second year. This year I'm in the process of developing an Android app to help prepare first year students for independent living (including things like basic cooking recipes and cleaning tips) in a team of 8 students.

**A-Levels, St Aidans and St John Fisher Associated Sixth Form, 2012 - 2014**

- Mathematics, A
- Physics, B
- Economics, C

**GCSEs, St Aidans Church of England High School, 2007 - 2012**

- Achieved 10 A* - C GCSEs

**EXPERIENCE**

**EasyAnnotate, Turnitin Hackathon Winner, 2015**

- Developed a video annotation system using various web technologies including Javascript.
- Worked in a team of friends from my course over the span of roughly a month, gaining valuable experience with team development.
- Learnt the basics of the Git version control system.
- Open-sourced the end result, available at: https://github.com/djmckee/drunken-tyrion

**The Energy Community, Energy Explorer Game, 2015 (ongoing)**

- In the process of developing a game to help young children learn about conserving electricity, using web technologies including Javascript (with jQuery).
- Working alongside friends to create the game, learning about role delegation and identifying personal strengths and weaknesses. This has led to me being the developer, whilst my friend works on the artwork.
- Enhanced my knowledge of Git, utilising branches for individual features.
- Learning how to work with clients, meeting and identifying their requirements.

**Night Grocery Colleague, Asda Harrogate, 2014 - Present**

- Helped replenish a significant amount of stock overnight, working both individually and as part of a team.
- Provided flexibility to the business at busy times, working overtime wherever possible when required.
- Developed my customer service skills, helping customers locate products and and answer questions they may have about the products.

**ADDITIONAL SKILLS**
- Capable of performing basic tasks through Unix shells, including remotely working on servers through SSH.
- Able to use Windows, Mac and Linux operating systems to a confident level, working with both Windows and Mac machines on a daily basis and having worked with a variety of Linux distributions (Debian, Arch etc) in the past.
- Capable of using the MS Office suite to a intermediate level, to create documents, presentations and basic spreadsheets.

**REFEREES**

**Asda Harrogate**
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**Newcastle University Tutor**
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