

Amy Conroy

I am an MSC Computer Science student, and LLB Honours Law Graduate. After writing my LLB dissertation on the protection of personal data rights processed by machine learning algorithms, I became incredibly passionate about where the law and technology intersect, and how technology can benefit the law. As a result, I chose to enrol in the MSc Computer Science programme to learn more about what technology can be used to achieve, and I am now creating a system to summarise UK House of Lords judgments for my thesis using supervised machine learning. Upon my graduation this September, I am pursuing a career in legal tech to apply my unique skillset in an impactful way.

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EDUCATION

MSc Computer Science || **Distinction** (Expected)

2019 – Present (due September 2020) || University of Bristol

- *Thesis Title:* “Automatic Summarisation of UK House of Lords Judgments”
- *Modules Include:* Software Engineering and Group Project (86%), Web Technologies (76%), Databases (75%), Research Skills (73%)

LLB Honours Law || **Second Class Honours (First Division)**

2016 – 2019 || University of Bristol

- *Final Year Research Project Title:* “Alexa, Forget My Data!: How Article 7 of the GDPR Protects Personal Data Processed by Machine Learning Algorithms”
- *Modules Included:* Information Technology Law (68%), Company Law (72%), Employment Law (72%), Final Year Research Project (72%), Law and Policy of the European Union I (72%)

LAW AND TECHNOLOGY EXPERIENCE

Co-Founder || **OpenTenancy**

June 2020 – Present || Bristol, UK

- Co-Founder of OpenTenancy, an open source product currently under development. This is a web-based application that will provide a clear document containing advice pertaining to tenancy rights based on the issues the user is facing, aimed at students unaware of their enforceable rights as tenants.
- We are using Docassemble to create a chatbot that scrapes the gov.uk website and outputs advice with the relevant signposting for the user. The primary goal of this product is to make students more comfortable with the law and enforcing their rights, while increasing accessibility of the law.

Automatic Summarisation of UKHL Judgments || **MSc Thesis**

December 2019 – Present || University of Bristol

- Currently using supervised machine learning to develop an automatic summarisation system to create clear and customisable summaries of UKHL judgments.
- Implementing the system in Python by using rhetorical features of each judgment (such as information on if a sentence is a fact or background sentence) in order to successfully identify if a sentence is relevant and should be included in a summary.
- The motivation of the project is to increase accessibility to the law by allowing the user to generate a customisable summary (through length or rhetorical feature) depending on their needs.

Legal Advisor || **University of Bristol Law Clinic**

September 2018 – June 2019 || Bristol, UK

- Responsible for providing free legal advice to clients, taking meeting minutes, conducting research, writing letters of advice, and preparing documents for court.

Legal Intern || **Jane Harvey Associates**

August 2018 || Brampton, ON, Canada

- Liaised with clients, prepared evidence for court, drafted wills, and participated in the notarization of documents.
- After experience the use of outdated techniques at the firm, I began advocating for legal tech approaches including the adoption of contract automation.

Other Legal Technology Experience || **Various**

Present || Various

- Participant in Legal Geek conferences; including the Legal Geek Online Conference 2020 and the upcoming Legal Geek Online Student LawTech Fair 2020.
- Avvoka Academy Participant; learning about legal contract automation.
- UK Legal Technology Association (UKLTA) member and regular event attendee.

OTHER EXPERIENCE

Project Leader || **Software Engineering and Group Project**

February 2020 – May 2020 || University of Bristol

- Project leader for the development of the Do or Die fitness tracker. This tracker was built using three different technologies; an M5Stack, a website using React, and a management dashboard using Processing.

Course Representative || **University of Bristol**

October 2019 – Present || Bristol, UK

- Elected to represent the MSc Computer Science cohort within the Student Union.
- Successfully campaigned for alternate assignment requirements and extended deadlines during COVID-19.

Event Staff || **The Waiting Game**

June 2019 – Present || Bristol, UK

- Worked in numerous different roles including bar staff, waiting staff, and front of the house. I am incredibly flexible and willing to learn, performing any tasks that I am assigned.

Intern || **Vision Profile Extrusions**

August 2018 – September 2018 || Woodbridge, ON, Canada

- Successfully completed various projects for the controller and operations analyst including sales tax reconciliation and the compilation of month end documents.

Project Volunteer and Brand Ambassador || **Think Pacific**

June 2018 – July 2018 || Bavu Village, Fiji

- Undertook a 5-week volunteer trip to Fiji to improve student performance in remote schools by creating lesson plans for teachers and establishing a sporting program. I was subsequently selected as an ambassador to promote Think Pacific on campus due to my successful performance and innovative ideas on the trip.

HSBC Brand Ambassador || **HSBC**

September 2017 – April 2018 || University of Bristol

- Represented HSBC on campus at the University of Bristol. Formed partnerships with various societies and developed innovative online marketing campaigns including a Facebook 'like' competition.

SKILLS

Programming Languages

C/C++ • Python • Java • JavaScript (ES6) •

HTML • CSS

Other Skills

Git • Linux • UNIX • Windows • Visual Studio •

SQLite • MariaDB • Express • Node.js • Gatsby •

Agile Development • Syspro ERP Software

Languages

English: Fluent

French: Intermediate

DELFA2 Certified

SOCIETIES

Pro Bono Society

Placement Manager || 2018-2019

- Sourced 2 new placements by calling local businesses; filtered over 300 applications from our members for 5 placements.

Fundraiser || 2017-2018

- Planned 7 fundraising events including bake sales and an open mic night, raising over £500 for the Avon and Bristol Law Centre.

Ice Skating Society

President || 2017-2018

- As President, I increased membership by 200% through innovative social events including a free pizza social.

Computer Science Society

Bristol Jets Cheerleading

INTERESTS

Figure skating, swimming, reading, travelling, and creative writing.

REFERENCES AVAILABLE UPON REQUEST.