# Alexis Baker

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I am currently in a Software Degree Apprenticeship at Google, with the external training provider being Makers Academy. In my role, I work on the Google Fit Android App, for wear and for phones. I work on fixing bugs, changing UI, and improving accessibility. Currently, I work more on the back end of Google. This includes database work, timezone work, and SQL.

In my spare time, I like to create computer games to make people happy. Additionally, I enjoy doing mini coding projects. For instance, creating a [discord bot to query a minecraft server](https://github.com/etelan/MinecraftServerQueryDiscordBot), and a [Minecraft Trainline Website with Springboot API](https://alexisbaker.uk/TrainBlock-Site/). Additionally, for my coursework at Sixth Form, I created an app for a local cafe.

### Education

**A-Levels**

The Oakes College, Cambridge

Maths: A

IT: Distinction Star

Media: Distinction Star

**GCSEs**

Melbourn Village College, Melbourn, Royston

Computer Science: 7

Maths: 8

Physics: 8

English Literature: 5

English Language: 4

Biology: 6

Chemistry: 6

Psychology: B

Spanish: 5

Media Studies: C

### Experience

**Software Engineering Apprentice - Google UK: September 2020 to present**

* Bugfixed accessibility, UI, and backend bugs.
* Worked on backend database features. Improved my skills with SQL, timezones, and java.
* Bug fixed on the Google Fit App for Android and Android Wear. This involved migration to new libraries, fixing accessibility bugs, and fixing smaller UI bugs.
* Reported and fixed production bugs.
* Created training material for coworkers in regards to testing.
* Negotiated and scheduled headline talkers at TransConf 2021 at Google.

**The Melbourn Community Hub App: July 2019 - March 2020**

The Hub Android App - GML for Mobile Development

* Designed and implemented a functioning rewards system, including password hashing and basic encryption of saved reward values.
* Discussed with clients, stakeholders and testers to assess what they would like to see in the app.
* Created planning and other development documents.
* Currently developed to the prototype stage where additional minor requirements were being requested.
* Due to Covid, the app was not launched, as the cafe closed for an extended period of time.

**Cyber Discovery Challenge Competition: November 2019 - May 2020**

HM Government extracurricular programme - <https://www.joincyberdiscovery.com/>

Online

Achieved:

* Fixed Python code and developed practical Python skills
* Learnt basic Linux terminal usage, basic cURL
* Developed skills and knowledge around cryptography: encoding, encryption, steganography, hashes
* Learnt about SQL injections, cookies, command injection
* Used browser developer functionality to edit HTML to complete certain challenges

**Cleaning Manager: November 2017 - Present 2020 (Part time job)**

The Melbourn Community Hub - <https://melbournhub.co.uk/>

Melbourn, Royston, Hertfordshire

Responsibilities:

* Consistently cleaning The Hub to a high standard
* Gained responsibility as cleaning manager in June 2019
* Managing team rota
* Handling absences and other unforeseen circumstances
* Ordering and stock maintenance for equipment and consumables
* Developed time management, organisational, and people management skills

**Work Experience: 2 weeks in July 2017**

C4B Media - <https://www.c4bmedia.com/>

Royston, Hertfordshire

Responsibilities:

* Learned how to work in a professional environment, working to deadlines, and creating social media posts for professional businesses looking to increase their presence on Twitter and Facebook.
* Took notes at business meetings
* Completed photoshoots for a brand deal. The company was sent tea bags by a partner. I took photos of the tea bags, and the employee posing with them.
* Managed various social media accounts across Twitter and Facebook for several companies

**Bronze Duke Of Edinburgh’s Award: March 2016 - September 2017**

Duke Of Edinburgh - <https://www.dofe.org/>

Royston, Hertfordshire

Responsibilities:

* Lead the team when required on the exhibition
* Corrected route mistakes which we made on our walk by adapting the routine accordingly.
* Volunteered for parkrun; Responsibilities included timekeeping, placing route markers, and scanning runners barcodes
* Developed a Wordpress blog to document my experience (<http://dofe.adambaker.info/>)

**Volunteering for The Hub: March 2016 - September 2017**

The Melbourn Community Hub - <https://melbournhub.co.uk/>

Melbourn, Royston, Hertfordshire

Responsibilities:

* Served customers and dealt with customer queries
* Worked in kitchen doing various roles
* Became part of a small team

### Personal Interests

* Playing Dungeons and Dragons as the Dungeon Master and as a player
* Programming games for Game Jams
* Playing VR games and animations using Oculus Rift/Quest
* Meeting up with friends to play boardgames including “One Night Ultimate Werewolf”, “Settlers of Catan” and “Betrayal at House on the Hill”
* Swimming and Cycling.

References are available upon request.