Bradley Chatha

Education

2017–2020 **Various subjects**, *AIM Educational Ltd*, Atherstone.
- Level 2 Mathematics, expected Pass
- Level 2 English Reading & Writing, expected Pass
- Level 2 Catering, expected Pass
- Level 2 Employability, expected Pass

2015–2017 **Level 3 Computer Science (A Level)**, *Pembrokeshire College*, B.

Experience

2017–2020 **Work Experience - Student Developer Aide**, *AIM Educational Ltd*, Atherstone.
Alongside my status as a student, my capabilities allowed me to work on several projects for AIM:
- FarmMaster (C#, ASP Core, PSQL, SASS, Gulp, Webpack, JS&TS, EF Core, Vue, GraphQL)
  - A WIP Website solution used to keep track of and manage livestock.
  - I was the sole, full-stack developer of this project.
- AimCLITool (D, Docker)
  - A custom CLI tool used to easily manage various needs I have, such as automatic deployment and secrets management.
  - Built on top of my custom CLI and Dependency Injection frameworks: JCLI (D), and JIOC (D)
- PolyMaster (Likely: Same as FarmMaster, but with Arduino/ESP32 added)
  - The project was in the pre-planning stage, it would've been used to automatically manage AIM's new Polytunnel.
  - Arduinos/ESP32s will be used to monitor and automate various parts of the polytunnel.
  - A web interface will be provided to monitor/interact with the various aspects that PolyMaster will manage.

Skills

Misc   Good time-keeping; Hard worker; Self-motivating; Completely self-taught.

Misc   Works well independently; Quick learner.

Hobbies

Music   I study and play the Violin.

Gaming   I'm a fan of a wide variety of genres.

Awards

28th June 2019   **School Farm Innovation Award**, *School Farm Network*, Royal Agricultural University.

References

Andy Radford   Owner of AIM Educational Ltd - Previous owner and developer of a PoS software company.

Deborah Wagg   Former Headteacher and Mathematics teacher of AIM Educational Ltd.

Blogging

On my personal website (see footer) I host my blog, which currently contains:
- A short tutorial series covering the vast metaprogramming power of D, by creating a JSON serialiser.
- A changelog for my CLI library - JCLI.

Contributions & Projects

DLang I have made several contributions to the D programming language and its community, such as: Documentation and additions for Phobos - the standard library, and the creation of my blog which as stated previously, features a tutorial for D.

JCLI I currently maintain an open-source library called 'JCLI'. A D library used to help create command line interface tooling.

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☐ *+44 7506701660* • ✉ *bradley@chatha.dev* • 🌐 *bradley.chatha.dev*
in *bradley-chatha* • 🐦 *@BradleyChatha* • ⓞ *BradleyChatha*