KEURIG DR PEPPER

Software Co-op

2022 CS/Math Student's 1st Co-op

Company Information

KDP is a modern beverage company dedicated to satisfying the needs of any customer, with a motto of "Drink well, do good." They work with both hot and cold beverages, with a focus on sustainability and corporate responsibility.

The co-op program includes a mentorship "buddy" program, that pairs co-ops with someone from another sector in the company for support and guidance, as well as insight into other careers.

Employee resource groups also connect similar people across the company to create community and hold events.

Co-op Description

The role of a software co-op involves working on a team of developers in a large code base to fix bugs and implement features for Keurig brewers. These changes involve participating in design meetings to ensure that the team agrees on a solution, as well as in-depth testing so that no new errors are found.

Co-ops are treated like any member of the team, held to the same standard as others, and often receiving tasks of high importance.
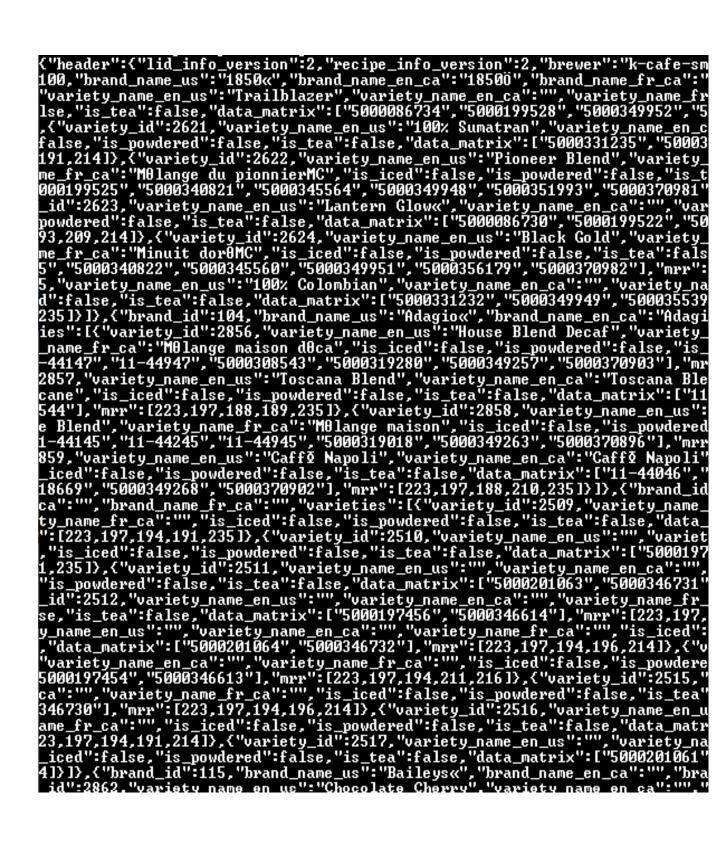
Projects/Work Accomplished

UI Work - ensuring that the brewer follows the designed user experience path

File Parsing - handling an over the air file download and parsing its contents into flash space

LED Driver - implementing a new LED driver into the current code architecture to allow for new light patterns and cycles

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Skills Gained

- Experience in an embedded systems role, working in a multithreaded environment

- Prioritization and planning

- Communication and interpersonal skills

- Effective time management and meeting deadlines

- Independent critical thinking

- Creating work/life balance

Key Takeaways

From this experience, I was able to build lasting relationships across the company as well as learn the day-to-day design and implementation process of code in a large scale project. My technical skills improved as I was held to a high standard, and being able to observe experienced senior developers communicate with each other and myself was very beneficial. Working in this role also helped me weigh potential future careers, as I decided what I liked or disliked about my work and day-to-day life.