

# Dylan Burton

<https://github.com/TheNamesDyl/>

Email : [burtndylan@gmail.com](mailto:burtndylan@gmail.com)

Mobile : +1-406-694-4623

## EXPERIENCE

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- **Salesforce (Tableau Authentication/Authorization)** March 2022 - March 2024  
*Software Engineer II*
  - Created data pipelines with Apache Flink to migrate our team's alerts and dashboards to Grafana/Argus from New Relic.
  - Conducted experiments on Tableau sites aimed at supporting over 500k users. Successfully implemented performance optimizations, including a notable achievement of doubling the speed of user provisioning.
  - Developed the frontend configuration interface for Tableau's connected applications functionality in React.  
*Software Engineer I*
  - Implemented routing for our client library gateway to route to internal services in Spring Boot with end to end tests.
  - Implemented REST wildcard (\*) support and unit/component/integration tests for GraphQL resource permissions on our permission microservice.
  - Integrated S3 into our data management microservice in Spring Boot.
- **Microsoft (Xbox Gaming Experiences)** Jun 2020 - Sep 2020  
*Software Engineering Intern*
  - Implemented an update to the C++ PlayFab Party library for a distributed shared property API for game sessions.
  - Implemented automated integration and unit tests into the PlayFab test suite to test distributed shared properties.
- **Microsoft (Chromium Edge Team)** Jun 2019 - Sep 2019  
*Software Engineering Intern*
  - Released to production worldwide for Windows users on Chromium Edge a fully-tested personalized welcome and weather feature with customized options.
  - Wrote maintainable code for the Chromium Edge platform in C++, exposing new user data and working with the security team to comply with security protocols.
- **Cozi Inc** Jun 2018 - Jan 2019  
*Software Development Intern*
  - Wrote maintainable code for Cozi's Android application, building a new calendar task event in Java.
  - Implemented undo capabilities for Cozi's shopping and todo lists.
  - Collaborated with other team members to build out a set of features to comply with GDPR requirements.
  - Implemented changes for Cozi's asynchronous processing to use Google's WorkManager. Collaborated with another developer to push out a series of changes to comply with the Android 8 SDK update.
  - Aided in the development of a React application and implemented: the UI for a Minicalendar selector and the UI for todo/shopping list.

## EDUCATION

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- **University of Washington** Seattle, WA  
*Bachelor of Science: Computer Science - 3.88* 2017 - 2021

## PROJECTS

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- **Blastar Reborn - Android space game:** Android space shooter with ten various enemies and a boss fight. 1000+ downloads and a 4.4 rating
- **Jaylen.ai - Job Assistant:** A web-based job assistant with a chrome extension that helps users generate resumes and cover letters
- **Redoc.ai - AI Writing platform:** A writing platform that enables users to efficiently access AI tools for enhanced writing
- **ChatArena.ai - Compare LLMs with prompts:** It's an LLM aggregator website where you can type a prompt and get answers from all the LLMs in an intuitive UI.
- **DranCraft Minecraft Server:** A top one hundred Minecraft server with custom-made plugins, generating \$30,000 in revenue

## PROGRAMMING

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- **Languages:** Java, Typescript, C++, Python, Elixir