

# Edan Parker

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**Languages:** Javascript, Python, PHP, C#  
**Networking:** REST, GraphQL, gRPC, Protobuf

**Frameworks:** ReactJS, Django, Laravel, ExtJS  
**Tools:** Docker, Logging, Testing, CD/CI

## Experience

### Wave

*Software Coop - 05/2021-08/2021*

- Developed features for the accounting platform of Wave using ReactJS that reached **400,000 monthly users**
- Created logs and dashboards for Datadog and Sumo Logic to track and monitor releases
- Co-designed a tool that surfaced unmocked GraphQL requests in unit tests which **identified hundreds of broken tests**
- Developed infrastructure for an internal ML package that auto-merged duplicate transactions, resulting in **thousands of merges per month**
- Built code in all aspects of micro-service architecture including front-end ReactJS, backend Python/Django, Rest APIs, GraphQL resolvers, RPC functions and Protobuf schema
- Advocated for and applied multiple linters, improving code quality and uniformity
- Wrote **hundreds of unit tests** for frontend and backend code for features that I worked on

### Calian

*Junior Software Engineer - 05/2020-04/2021*

- Worked on the MaestroEDE training tool, used by various departments in the Canadian military
- Developed features to meet NATO requirements, expanding the client base of the tool to all NATO countries
- Created infrastructure for localization, increasing customer base potential to non English-speaking countries
- Created batch requests for bulk operations, and **improved processing time by 60%** by optimizing Javascript code
- Spearheaded an integration testing initiative which aimed to **cut QA spending in half** upon completion

### RMC

*Junior Software Engineer - 05/2019-08/2019*

- Worked on a structural analysis suite of programs for bridges in military applications
- Focused on consolidating redundant code, converting Visual Basic code to C#
- Separated code for data access and modifications from computations and UI
- Updated data storage method from text files to a relational database, benefitting **data integrity**

## Education

### Queen's University

*BASc Applied Mathematics and Computer Engineering- 2017-2022*

- CS courses include algorithms, data structures, operating systems, networks, compilers, and embedded systems
- Math courses include linear algebra, stochastics, analysis, control theory