

# Dan Ginovker

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[github](#) | [linkedin](#)

## SKILLS

**Programming Languages** Python | Java | C# | JavaScript | C

**Technologies** AWS- EC2/S3/Lambda | Google Cloud- GKE/Firebase | Docker | React.js | Unity | .NET

## EXPERIENCE

### Puzzle Cats

Jan 2021 - Present

Software Engineer

Toronto, ON

- Architected a scalable replay system for mobile games' bot AI using cloud services, handling 100,000+ replays without impacting user devices
- Ranked 1st on App & Play Stores for Minigolf keywords on new Unity game developed in team of 3
- Created Node & Chart.js monitoring system in 5 of our services, and identified unauthorized database access with it
- Redesigned data pipeline using Firebase and S3, resulting in a 24,000% speed increase and a 98% reduction in data issues
- Onboarded and managed one engineer, guided their development on a \$1M/year product line

### Manulife

Jan 2020 - Dec 2020

Software Engineer Intern / Part Time

Waterloo, ON

- Developed internal tool with React, Express, & MongoDB supporting customizable and preset requests to ServiceNow
- Led Software Intern hiring committee and achieved record time hiring cycle by gathering 24 volunteers, 14 more than prior semester, to execute new hiring plans
- Awarded at townhall for creating Slack bot service using Docker, Typescript, and Bolt SDK with >90% test coverage

### BlackBerry

Sep 2018 - Dec 2018

Software Engineer Intern

Waterloo, ON

- Averaged 12% code coverage increase across 4 BlackBerry brand Android apps using Espresso
- Saved manual testing team 6 hours biweekly by automating load performance and resource benchmarks

### Symbotic

Apr 2017 - Aug 2017

Software Engineer Intern

Boston, MA

- Coordinated with Senior Engineers and used R Studio to generate reports used by Sales for a \$20M product
- Refactored data pipelines based on 5+ shell scripts into a C# application for maintainability

## NOTABLE PROJECTS

### 2009scape.org

Apr 2017 - Jun 2020

Cofounder

Ottawa, ON

- Cofounded largest RuneScape remake in Java & Kotlin by creating 1,200+ Express and content API endpoints, handling hosting, advertising & legal
- Fostered development culture, and transformed into a large community with 100+ contributors, 20,000+ players & new leadership

### Monero Tips Bot

Mar 2019 - Jun 2021

Full Stack Developer

Ottawa, ON

- Founded a corporation to integrate Monero into Reddit, winning the Canadian University Software Engineering Conference 2020 Demo and over 4,000\$ in awards
- Implemented front-end in Reddit's UI with PRAW, a Python based Reddit API, and back-end with RPCs to a hardened Monero daemon

## CONTRIBUTIONS

- **Flatpak** Packaged, maintained, and upstreamed over 50 patches to Linux apps making them installable on 30+ distributions
- **Battle for Middle-Earth** Developed installers for abandoned EA game series, allowing for the small competitive scene to continue thriving

## EDUCATION

### Bachelor of Computing - Computer Science

Sep 2016 - Apr 2021

University of Guelph

Guelph, ON