# Dan Ginovker

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 github | in linkedin

## EDUCATION

**Bachelor of Computing - Computer Science**                                               Sep 2016 - Apr 2021
*University of Guelph*                                                                                        *Guelph, ON*

## SKILLS

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

**Technologies**   AWS EC2/S3/Lambda/Amplify | GCP Firebase/GCP | Docker | React.js | Unity | Android

## EXPERIENCE

**Puzzle Cats**                                                                                 January 2021 - Present
*Software Engineer*                                                                                         *Toronto, ON*

- Developed novel C# bot system derived from real player games to streamline player funnel and help double top game's value
- Improved Data Reliability, measured by backed up days, by creating new data pipeline that ran up to 24,000% faster using Firebase and Amazon S3
- Onboarded new team members during company growth and built new Discord community to over 4,500 members

**Manulife**                                                                        January 2020 - December 2020
*Software Engineer Intern*                                                                                 *Waterloo, ON*

- Developed ServiceNow wrapper tool using MongoDB, Express, React & Node allowing bulk and profile-based requests to internal ticketing system
- Led Software Intern Hiring on a team of 24 volunteers, resulting in record time hiring cycle
- Earned Outstanding on evaluation & Awarded at division townhall

**BlackBerry**                                                                  September 2018 - December 2018
*Software Engineer Intern*                                                                                 *Waterloo, ON*

- Developed test suites in Android Espresso to increase reliability for BlackBerry apps
- Automated a manual test suite on the side, saving testers a 6-hour biweekly task, resulting in an Outstanding on evaluation

**Symbotic**                                                                              April 2017 - August 2017
*Software Engineer Intern*                                                                                  *Boston, MA*

- Helped simplify data pipelines by refactoring a multi-step process into a single C# application
- Coordinated with Senior Engineers in automating report generation to supply time-sensitive warehouse robot data for client meetings

## NOTABLE PROJECTS

**2009scape.org**                                                                        Apr 2017 - Jun 2020
*Cofounder*                                                                                                 *Ottawa, ON*

- Cofounded an open-source Kotlin server that connects to the official RuneScape client from 2009, receiving praise from the RuneScape community
- Developed and reverse-engineered official Java client, leading to the most complete emulation server by playable content
- Grew community to thousands of members and many active contributors, one of which took over the project in June 2020

**Monero Tips Bot**                                                                      Mar 2019 - Jun 2021
*Full Stack Developer*                                                                                      *Ottawa, ON*

- Created a legal corporation to integrate Monero, a transactionally private cryptocurrency, into Reddit via an open source bot service
- Implemented front-end in Reddit's UI with PRAW, a Python based Reddit API, and the backend with RPCs to a locally running Monero node daemon
- Project was recognized by the community and abroad, winning the Canadian University Software Engineering Conference 2020 demo and over 4,000$ in awards

## CONTRIBUTIONS

- **Flatpak** Packaged, maintained, and upstreamed fixes to several Linux desktop applications to make them installable on 30+ distributions
- **Battle for Middle-Earth** Developed installers for abandoned EA game series, allowing the niche competitive scene to continue thriving