Dan Ginovker

danielginovker@gmail.com | +1 226-337-7737

 github | 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 | Firebase/GCP | Docker | React.js | Unity | Android

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
- Redesigned data pipeline using Firebase and S3, resulting in a 24,000% increase in speed and a 98% reduction in data issues
- Coached non-technical hires on Unity + Git, and tailored custom apps & pipelines in C# and JavaScript facilitating blocker-free workflows

Manulife   Jan 2020 - Dec 2020

Software Engineer Intern   *Waterloo, ON*

- Developed ServiceNow wrapper tool using MongoDB, Express, React & Node allowing bulk and profile-based requests to internal ticket system
- Led Software Intern Hiring committee, motivating 24 volunteers (up from 10 in the previous semester) to execute hiring plan, achieving record time hiring cycle
- Developed Slack bot with >90% test coverage for an external team's service. Awarded for collaboration at town-hall

BlackBerry   Sep 2018 - Dec 2018

Software Engineer Intern   *Waterloo, ON*

- Expanded automation test suites in Espresso for 4 BlackBerry brand Android apps, averaging a 12% coverage increase
- 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 to build report generator in R Studio
- Refactored hacky data pipelines into a structured C# application for better maintainability

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
- Developed and reverse-engineered official Java client, leading to the most complete emulation server by playable content
- Encouraged developers, delegated tasks and oversaw transformation from a personal project to a large open source community with 100+ contributors & new leadership

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 back-end with RPCs to a hardened Monero daemon
- Won 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