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
- 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, guiding development on $1M/year product line

Manulife   Jan 2020 - Dec 2020
Software Engineer Intern / Part Time   *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
- Awarded at townhall for creating Slack notification service using Docker, Typescript, and Bolt SDK with >90% test coverage

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 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 better maintainability

NOTABLE PROJECTS

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

- Cofounded largest RuneScape MMORPG remake using Java, Kotlin, and the official client from 2009
- Developed and reverse-engineered client, created 1,200+ endpoints for content and Express APIs, managed hosting and legal issues
- Fostered development culture, transforming project into a large open source 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, 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 over 50 patches to Linux apps making them installable on 30+ distributions
- **Battle for Middle-Earth** Developed installers for abandoned EA game series, allowing the niche competitive scene to continue thriving

EDUCATION

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