Dan Ginovker

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in linkedin | github

SKILLS

Programming Languages	Python	Java	C#	JavaScript	C
Technologies	AWS- EC2/S3/Lambda	Google Cloud- GKE/Firebase	Docker	React.js	Unity	.NET

EXPERIENCE

Field-S
Software Engineer

Dec 2023 - Present
Seoul, Korea

- Built MVP version of Flutter + Google Cloud based social media app in 3 weeks (5 weeks ahead of schedule)
- Created PostgreSQL schema and secure Flask API interface using Google Identity for server sided Role Based Access Control
- Tuned 8 GPT3.5 models to grade English speaking tests, reaching an accuracy of within 10% of human scoring
- Resolved longstanding "database freezing" bug by tracing down a reused SQL connector unsafe in concurrent execution
- Hooked up popular Korean SSO methods (Kakao & Naver) in Dart and PHP for clients in Seoul

Puzzle Cats
Software Engineer

Jan 2021 - Dec 2023
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 DB access with it
- Redesigned data pipeline using Firebase and S3, resulting in a 24,000% speed increase and a 98% reduction in data issues
- Managed one engineer's solo development on a $1M/year product line & improved their weekly output by 20%

Manulife
Software Engineer Intern / Part Time

Jan 2020 - Dec 2020
Waterloo, ON

- Developed internal tool with React, Express, & MongoDB for 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 using Docker, Typescript, and Bolt SDK with >90% test coverage

BlackBerry
Software Engineer Intern

Sep 2018 - Dec 2018
Waterloo, ON

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

Symbotic
Software Engineer Intern

Apr 2017 - Aug 2017
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
Cofounder

Apr 2017 - Jun 2020
Ottawa, ON

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

Monero Tips Bot
Full Stack Developer

Mar 2019 - Jun 2021
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

EDUCATION

Bachelor of Computing - Computer Science
University of Guelph

Sep 2016 - Apr 2021
Guelph, ON