Daniel Ginovker

Full Stack & Open Source Contributor

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EXPERIENCE

JANUARY 2021 – PRESENT

Puzzle Cats (Startup)
Software Developer, Part-Time

★ Fixed bugs and improved AI in a **Unity** based Mobile Game
★ Expanded AI simulator to support **self-modifying** of configuration parameters, reporting back improvements found

JANUARY 2020 – DECEMBER 2020

Manulife
Full Stack Developer, Coop, Part-Time

★ Worked on **React**, **Node** and **Mongo** based PoT from Manulife University that automates the hiring process
★ The tool saves hiring managers **3-4 days** per new hire
★ Led Software coop hiring committee of **22 people**, onboarded 26 new hires
★ Developed unique **Slack** integration for #hashtags, used internally for productivity

SEP 2018 – DEC 2018

BlackBerry
Automation Developer, Coop

★ Developed **Android** test suites to increase reliability for Blackberry apps
★ Automated manual testers' resource monitoring suite as a side project, cut analysis time by 90%
★ Earned **Outstanding** in Coop evaluation & report

APR 2017 – AUG 2017

Symbotic
Software Developer, Coop

★ Parsed logs using **Python** & **Regex** to be read into databases
★ Wrote **Bash** scripts on a spare server to automate daily tasks
★ Refactored massive data collection suite written in Python, Octave, and C# into a single **C#** application

ACHIEVEMENTS & AWARDS

2020 **CUSEC 2020 Demo Winner**
Won 1st place in Montreal for live demo of Reddit tipping service

2019 **Wikipedia Extended Protected**
Long term editor of locked & popular pages

2019 **Guelph Communitech Fall Ambassador**
Communitech helps students and businesses meet, organize events, and grow

LANGUAGES

PROFICIENT	Javascript, Typescript, C, Python Java
INTERMEDIATE	Kotlin, C++, C#, SQL, PHP, R, Bash
FRAMEWORKS & LIBRARIES	React, Redux, Node.js, Bootstrap, Android SDK, Espresso, Jekyll

CLOUD

GOOGLE	Compute Engine, Natural Language API, Google Firebase SDK
AWS	EC2, Lambda, S3, Amplify, Route53, Boto3, DynamoDB
AZURE	Azure Functions, Blob Storage
GENERAL	Docker, CI/CD Pipelines

TOOLS

CODE	Git, Linux, Gradle, Maven, Unity
ART	Blender (3D), Krita (2D), LMMS (Music production)

EDUCATION

SEPT 2016 - APR 2021	**Bachelor of Computing** Major in Computer Science Minor in Marketing 4.0 GPA University of Guelph

PROJECTS

OurKorean

OurKorean.com

★ Created and deployed Korean learning web app **React**, **Redux**, **Bootstrap** and **Firebase**

★ App uses community content & **crowd-sourced** lessons to teach Korean

★ Attracted 210 unique account signups

Reddit Tipping Service

moneroecosystem.org

★ Integrated **Monero**, a confidential online payment system into Reddit

★ Made 11 major releases of **Blockchain** based tipping service, written in **Python**

★ Earned over **$4,000** in donations to run servers

Runescape Emulation

2009scape.org

★ **Co-founded** the most complete Runescape emulation

★ Developed by **20 contributors** using Kanban

★ Coded game in **Kotlin** & **Java**, uses **SQL** & **Nodejs** for Website & Discord integration

★ Reverse engineered **obfuscated** and **documentationless** codebase to make functional emulation

★ **Perfectly** recreated website CSS and HTML from **web scraped** content

★ Developed Linux **Appimage** Launcher for native integration

★ Used **Maven** for **CI/CD** & hosted reference implementation on **Debian Linux** for 3 years

OPEN SOURCE CONTRIBUTIONS

Linux Ecosystem

★ Compiled, **found issues**, & provided **translations** in Manjaro official apps

★ Created multiple tutorial videos for 5 different OSes in English and Korean

★ Wrote **guides & tutorials** on navigating Manjaro without a terminal

★ Authored Lutris gaming install scripts

Monero (Cryptocurrency)

★ Found issues & wrote **bug reports** in the Monero RPC

★ Updated Monero **documentation** with quirks found in testing

★ Provided minor website **patches** & translations to the Monero GUI

★ Answered 20+ related questions on **Stackexchange**

Social Media API

★ Merged unofficial API tools under one project

★ Created a Sentiment Analysis sample app using Google's **NLP** API

★ Tested & patched Javascript Library

EXTRA

★ Ran a fleet of **Reddit bots**, which served ads to est. 70,000 people a day

★ Deployed **Chrome Extension** to learn Korean (now OurKorean)

★ Created private **Email Service** to promote story ideas to 75+ journalists

★ Obtained DELF **French** diploma level B1

★ Created an SMS **notification** service for 2019 Guelph Communitech