

Giulio Rossi

Software Engineer · Vancouver, BC

ciuffi9@mac.com

www.ciuffi.dev

github.com/ciuffi

SUMMARY

Software engineer at Amazon with a track record of shipping end-to-end — from large-scale backend services to iOS apps, multiplayer games, and AI-powered tools. CS + Cognitive Systems background from UBC.

EXPERIENCE

Software Engineer — Amazon

Vancouver, BC · Jul 2021 – Present

- Design, build, and operate distributed backend services on AWS, owning features from design through production.
- Hold on-call ownership of production systems, resolving incidents and improving monitoring, alarms, and runbooks.
- Scope and deliver cross-team initiatives with partner teams and stakeholders, from design review to rollout.

Software Engineer Intern — AbCellera

Vancouver, BC · Jul 2018 – Dec 2018

- Designed a database managing thousands of biological-data entries per day (SQL).
- Built a data portal for scientists and bioinformaticians around complex business requirements (React, Django).
- Created a cloud DevOps platform (AWS, Jenkins) and employed AWS KMS for platform security.

Software Engineer Intern — Ensemble

Richmond, BC · Summers 2016 & 2017

- Spearheaded self-initiated productivity tooling, including a browser plugin that integrated the company's internal task-management system with Jira (Java, JavaScript).

PROJECTS

Tackle for Brainrots · Luau, Rojo

2026

Multiplayer PvP collection game for Roblox — ~20,000 lines of typed Luau across 96 modules; server-authoritative architecture with validated actions and DataStore session locking; 12-tier progression, raidable bases, and procedural animation.

DnD Tracker · TypeScript, React, Fastify, DynamoDB, AWS CDK

2026

Self-hostable D&D campaign manager — real-time multiplayer sync over WebSockets, JWT auth, a stat-formula DSL, and a Claude-powered DM assistant via MCP tools with permission-gated actions and audit logging.

Plug Adblocker · Swift, Apple Content Blocking framework

2019

iOS content blocker taken from idea to App Store release.

LEADERSHIP & RESEARCH

Development Director — nwPlus · UBC hackathon club · React, Vue, Swift, Java

Sep 2018 – 2021

Led a 6-developer team building event sites and an NFC registration system for hackathons hosting 1,200+ students annually.

Research Assistant — UBC HCI Lab · Dr. Dongwook Yoon

Sep 2019 – 2021

Led front-end development of an educational file-management research tool.

EDUCATION

University of British Columbia

Graduated May 2021

B.A., Computer Science & Cognitive Systems (Integrated Arts)

SKILLS

Languages

TypeScript, JavaScript, Swift, Luau/Lua, Java, Python, SQL, C#

Frameworks

React, Node.js, Fastify, Django, Astro, Unity, Expo/React Native

Cloud & Infra

AWS (DynamoDB, ECS/Fargate, CDK, KMS), Docker, CI/CD, GitHub Actions, Jenkins