Giulio Rossi

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ciuffi.dev

github.com/ciuffi
Vancouver, BC

University of
British Columbia

*Computer Science &
Cognitive Systems,
Integrated Arts (B.A.)*
est. grad. May 2021

PASSIONS
Database design
Web development
Server design
Cloud systems
Game development
Mobile app design

WORK EXPERIENCE

Intern Software Engineer
AbCellera, Vancouver, BC — *Jul. 2018 - Dec. 2018*
*AbCellera is a world-leading innovator in antibody discovery for therapeutics
and immune profiling for vaccine research.*
- Designed a robust database to manage thousands of entries a day for storage of biological data: SQL
- Created a portal handling the flow of data according to complex business requirements for bioinformaticians: React, Django
- Created a cloud based DevOps platform: AWS, Jenkins
- Employed platform security services: AWS Key Management Service

Intern Software Engineer
Ensemble, Richmond, BC — *Summer 2016/2017*
Ensemble is a software consulting company delivering software tools and services for Adobe Technologies.
- Spearheaded multiple self-motivated projects, such as a browser plugin to integrate the company's internal task management system: Java, Javascript

COMMUNITY INVOLVEMENT && ACADEMIC RESEARCH

Development Director
UBC nwPlus, Vancouver, BC — *Sept. 2018-present*
nwPlus is a UBC hackathon club annually hosting 1200+ students.
- Organized day-of logistics and developed websites for multiple hackathons for students in Vancouver.
- Managed various projects and developer team to create apps and sites for internal use: Vue.js, Nuxt, Swift
- Designed a DevOps platform handling testing and deployment to GitHub Pages: Travis

Research Assistant
University of British Columbia, Faculty of Science (Dr. Dongwook Yoon) — *Sept. 2019-present*
Research work in HCI, computer-mediated communication, AR, VR, and educational technology.
- Led front-end development on an educational file management system created as an HCI research tool.

PERSONAL PROJECTS (see more on my website: ciuffi.dev)

intensif-eye
Ocular character recognition (OCR) **mobile app** for visually-impaired users to take images of text, transcribed into plaintext with machine learning: Expo, React Native, Google Vision AI API, Firebase

devpost.com/software/intensif-eye

StarChaser
A simple but addicting **Apple Watch game** developed for the new Watch OS 6 SDK to run as an independent app, currently in beta on Apple's TestFlight: Swift, Xcode

Plug Adblocker
An **iOS ad blocker** that speeds up browsing time, saves mobile data consumption, improves privacy, and controls scripts: Swift, Xcode, Apple's Content Blocking library

apps.apple.com/us/app/plug-adblocker/id1471830568

Warpzone
2D endless platformer runner **game**, designed for iOS and Android : Unity, C#, Adobe Photoshop

github.com/Ciuffi/Warpzone