LONNIE GEROL

Seeking a co-op or internship as a Software Engineer, available starting May 2021.

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WORK EXPERIENCE

Fullstack Freelance Mobile Developer
Bio Behavioral Therapeutics

📅 May 2020 – October 2020 · 📍 Remote
 App Store (http://apple.co/2YuMpFM) · 🤖 Play Store (http://bit.ly/36qyCEj)

- Designed and programmed native iOS and Android apps that allows patients to to ask their practitioner questions and submit refill requests.
- Database schema designed and implemened using Firebase Firestore.

Swift | Kotlin | Javascript · Firebase · Android | iOS

Virtual Tech Camp / Online Private Lesson Instructor
iD Tech

📅 June 2020 – January 2021 · 📍 Remote

- Authored engaging lecture material to teach courses involving Python, Machine Learning, C++, Java and Javascript to first time programmers.

Java · C++ · Python · Javascript

Student Lab Instructor
RIT CS Department

📅 August 2020 – January 2021 · 📍 Rochester, New York

- Helped students grasp the fundamentals of Object Oriented Programming languages through working in a tutoring center and providing meaningful feedback on assignments.

Java · Object Oriented Programming

PROJECTS

CHIP-8 Emulator
github.com/Lontronix/chip-8

- Programmed an emulator for the chip-8 architecture written in C.

C Language

Dining API
github.com/Lontronix/Dining-API

- Created a webscraper and API that returns the hours of operation for the dining locations on the RIT campus.

Pyhon · Docker · Flask · Beautiful Soup

CSH Drink
github.com/Lontronix/Drink-iOS

- Designed and developed a native iOS and macOS app that interfaced with a REST API to enable members of Computer Science House to dispense drinks from the on-floor internet-connected vending machines.

Swift · UIKit · Cocoapods

ACADEMICS

Rochester Institute of Technology
B.S. Computer Science

📅 August 2019 - May 2024

- 3.8 GPA

RELEVANT CLASSES

- Principles of Data Management (CSCI 320)
- Intro to Comp Science Theory (CSCI 262)
- The Mechanics of Programming (CSCI 243)
- Concepts of Computer Systems (CSCI 250)
- Personal Software Engineering (SWEN 250)

LANGUAGES

Java	●●●●○
Swift	●●●●○
Python	●●●●○
HTML/CSS	●●●●○
Javascript	●●●○○
Kotlin	●●●○○
Bash	●●●○○
C	●●●○○
C++	●●●○○

SKILLS

Development Tools

Git · Flask | Django · React
Docker · Make · NGINX · macOS
Linux (Arch, Ubuntu, Fedora) · React · Sass

EXTRACURRICULARS

Active Member
Computer Science House

📅 2019 - Present

- Living and learning community focused on Computer Science in an academic and project-based environment.