

LONNIE GEROL

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

✉ lonnie@lonniegerol.com

☎ (847) 431-2569

in [linkedin.com/in/lonniegerol](https://www.linkedin.com/in/lonniegerol)

🔗 lonniegerol.com

🐙 github.com/Lontronix

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 ask their practitioner questions and submit refill requests.
- Database schema designed and implemented 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.

Python

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

Computer Science House

Active Member

📅 August 2019 - Present

- Active member of CSH, a Living and learning community focused on Computer Science in an academic and project-based environment.

Webmaster

📅 February 2021 - Present

- Responsible for maintaining and updating Computer Science House outward facing websites.