

# LONNIE GEROL

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

✉ [lonnie@lonniegerol.com](mailto:lonnie@lonniegerol.com)
 ☎ (847) 431-2569
 [in linkedin.com/in/lonniegerol](https://www.linkedin.com/in/lonniegerol)
 🌐 [lonniegerol.com](https://lonniegerol.com)
 📄 [github.com/lontronix](https://github.com/lontronix)

## WORK EXPERIENCE

### Fullstack Freelance Mobile Developer

#### Bio Behavioral Therapeutics

📅 May 2020 – October 2020
 📍 Remote  
 🍏 App Store
 📱 Play Store

- Designed and programmed native iOS and Android apps that allows patients to ask their practitioner questions and submit refill requests.
- 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](https://github.com/Lontronix/chip-8)

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

C Language

### Personal Website

#### [github.com/Lontronix/Personal-Website](https://github.com/Lontronix/Personal-Website)

- Designed and developed a website that showcases skills and interests using HTML and CSS. Media queries used to make website scale properly across devices.

HTML
 CSS

### Dining API

#### [github.com/Lontronix/Dining-API](https://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](https://github.com/Lontronix/Drink-iOS)

- Designed and developed an iOS and macOS app that Enables 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

📅 Expected Graduation: 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
 Docker
 Make
 NGINX  
 Flask | Django

### Operating Systems

Linux (Arch, Ubuntu, Fedora)
 macOS  
 Windows

## EXTRACURRICULARS

### Active Member

#### Computer Science House

📅 2019

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