

# Mitch Grogg

## Software Engineer

mitchellgrogg@gmail.com  
linkedin.com/in/mitchgrogg/  
github.com/mitchgrogg  
mitchgrogg.com

### WORK EXPERIENCE

#### GoPro

Staff Android Software Engineer

May 2022 - November 2024

- Promoted from Senior Software Engineer in August 2023
- Collaborated with Design, Product, Firmware, and Engineering teams to develop new Android GoPro Quik app features as a core member of the camera/connectivity team
- Implemented GoPro Quik app support for five new GoPro cameras
- Triaged, investigated, and fixed bugs in both current and legacy code in an app with a large user base
- Modernized legacy code to reduce crash rates, improve camera connectivity analytics and user satisfaction, and increase developer productivity

#### WaterFurnace

Application Software Engineer

June 2019 - May 2022

- Developed, released, and maintained an Android app (Symphony Contractor Connect) that interfaces with embedded control systems and includes tools such as video training, interactive troubleshooting, and documentation search
- Mentored other engineers in Android fundamentals and best practices
- Directed the development of the iOS port of the Symphony Contractor Connect app and assumed maintenance of the app after release
- Created an embedded Linux device running a full stack web framework to simulate a complex control system for testing mobile apps

#### Michigan Technological University

Programmer/Analyst

May 2017 - June 2019

- Contributed as a full stack web developer to the development and maintenance of 30+ enterprise systems and applications

#### WaterFurnace

Software Engineer

April 2015 - May 2017

- Developed a touchscreen interface for a commercial geothermal chiller control system using Android and full stack web technologies

### SKILLS

#### Programming Languages

- Kotlin
- Java
- Go
- Python
- JavaScript
- Swift

#### Mobile Development

- Android Jetpack Libraries
- Jetpack Compose
- Room
- CameraX
- ExoPlayer
- Retrofit
- OkHttp
- Wi-Fi/Cell/BLE Connectivity
- Dagger
- Coroutines/Flow
- MVI/MVVM
- Reactive Programming
- Clean Architecture

#### Database

- SQLite
- MySQL
- MongoDB

### EDUCATION

#### Bachelor of Science Computer Engineering Technology

Purdue University Fort  
Wayne

2011 - 2015

- Created a web-based system for controlling, troubleshooting, and monitoring internet-connected residential HVAC systems

## **BAE Systems**

Engineering Technician

October 2012 - April 2015

- Developed web applications used in the test and inspection of commercial aircraft electronic control systems