

# Severin Rudie

Android Developer

Seattle, WA

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🐙 /Baron-Severin

in /in/severin-rudie

I'm passionate about writing clean code and solving complex problems.

## SKILLS

### Languages and Markup

Java - Intermediate  
Python - Beginner  
XML & JSON

### Databases

SQLite  
Firebase

### Testing

TDD  
JUnit  
Espresso

### Concepts

Material Design  
UX Development

### Libraries

OKHttp & Retrofit  
Google Analytics  
Fabric  
Butterknife

## PROJECTS

### Hector by Autel - 2 Week Group Project

[github.com/Baron-Severin/Hector-Screenshots](https://github.com/Baron-Severin/Hector-Screenshots)

Generates flight plans for agricultural survey drones, built for Autel. I wrote all SQLite database interaction, all testing, and took a lead role in hunting bugs.

### Macho Squad - 2 Week Solo Project

[github.com/Baron-Severin/Text-Adventure](https://github.com/Baron-Severin/Text-Adventure)

A comical, campy, choose your own adventure game. In addition to writing all code in this Android app, I also created a Python script that formatted content written by a friend to be machine-readable (script at Github).

### Builder's Lighting - 2 Week Group Project

[github.com/mgkang0206/Builders-Lighting](https://github.com/mgkang0206/Builders-Lighting)

Simplifies bulk lighting orders for contractors, built for Seattle Lighting. I developed our approach to data persistence, reverse engineered API calls from existing source code, and helped design a natural user flow.

### FindMyPet! - 24 Hour Group Project

[github.com/Baron-Severin/hackathon-lost-pets](https://github.com/Baron-Severin/hackathon-lost-pets)

The winning entry in a collaborative, 24 hour hackathon. The application uses real time Socrata data to connect users to pets located by the city of Seattle. I wrote all database logic and the majority of our API interaction.

## EXPERIENCE

### Android Development Immersive at General Assembly

Seattle, WA (June -Sept 2016)

Studied Android development for 80+ hours a week, focusing on the following:

- TDD utilizing JUnit and Espresso
- Android Life Cycle, the Android API, and Android Studio
- Optimization, Performance, and Big O Notation
- Interaction with API's and effective use of Async Tasks and Services
- Database setup and management in SQL and Firebase
- Setup and use of analytics tools including Google/Firebase Analytics, Fabric

### Operations Support Analyst at NBCUniversal

Seattle, WA (June 2015 - June 2016)

- Provided first response, application level support for NBCNews.com & Today.com
- Monitored performance using Splunk and Nagios
- Coordinated daily code deployments through Jenkins

### Security Guard, ABM

Seattle, WA (January 2014 - April 2015)

### Sales Counsellor, Sleep Country

Seattle, WA (June 2012 - May 2013)

## EDUCATION

**General Assembly** June 2016 - Sept 2016

**Central Washington University** Sept 2007 - June 2012

- Bachelor of Arts in History
- Minor in Economics
- Minor in German Language, foreign study at Universität Leuphana and Universität Salzburg