

# MATTHEW PUTRA

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## EDUCATION

### University of Washington

Seattle, WA

Informatics – Software Development (3.87 / 4.0)

September 2018 – June 2022 (expected)

- Annual Dean's List

**Coursework:** Data structures and algorithms, OOP, software testing, computer architecture, database management, HCI

## PROFESSIONAL EXPERIENCE

### OpptIn

Scranton, PA (remote)

Android Developer Intern

November 2020

- Worked in OpptIn Android prototyping team using Figma and proposed ideas in user-oriented design.
- Developed an initial Android application using Kotlin with OpptIn's senior engineers.

### Qomodo

Jakarta, Indonesia (remote)

Web Developer Intern

July 2020 – August 2020

- Launched an MVP for Qomodo's ecommerce website using React.js and secured an angel investor.
- Worked in a team to migrate users' database from SQL to MongoDB.
- Build Qomodo's REST API and utilized it to display data on users' dashboard.
- Introduced and implemented UI testing for Qomodo using Node.js and Puppeteer with >90% code coverage.

### Grivy

Jakarta, Indonesia

Data Analyst Intern

July 2019 – August 2019

- Utilized Tableau to display compelling visualization, based on Grivy's sales data, to company's stakeholders.
- Handle their performance data and give insights that could help them make better business decisions.
- Produced and trained a Python program that is able to parse data from receipts with a >90% accuracy.

## ACTIVITIES

### PERMIAS Seattle's Online Payment System (Web Development Project)

- Developed and maintain organization website using React.
- Launched an online payment system utilizing Firebase to store customer funds.
- Introduce this system in PERMIAS's events and raised over than \$1000 in profit.
- Provided this service to other NPO such as ISAUW.

### Dotify (Android Development Project)

- Created a music application utilizing Kotlin in Android Studio.
- Demonstrated understanding in Android lifecycle by maintaining data upon rotation.
- Incorporated important Android fundamentals such as MVVM, Fragments, RecyclerView, and WorkManager.
- Utilized various 3<sup>rd</sup> party libraries such as Retrofit, Picasso and GSON.

### Bill Splitter (Java Project)

- Built with a friend a Java program that is able to parse data from restaurant receipts.
- Implemented Java's data structures and algorithms to get an efficient runtime.
- Migrating Java code into Kotlin to be deployed in Google Play Store.

## SKILLS & TECHNOLOGY

**Programming Languages/Frameworks:** C, Java, JUnit, Kotlin, Python, R, JavaScript, React, Node.js, Golang

**Databases:** MySQL, MongoDB, Redis, Microsoft SQL Server

**Tools:** Docker, Git, Tableau, AWS, Azure, Firebase, Bash Shell

**Languages:** English (*fluent*), Bahasa Indonesia (*native*), Spanish (*beginner*)