

# EBRAHIM BONGER

## SOFTWARE ENGINEER

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## SUMMARY

Working on a variety of software engineering projects at individual and team levels under minimal supervision and a fast-paced environment. I'm obtaining a solid understanding of designing and problem-solving skills in object-oriented software development.

## EDUCATION

### The George Washington University

Aug. 2018 - May 2022

Computer Science (BS) 2022

GPA: Cumulative **3.21** Technical GPA: **3.5**

Advanced CS Course-works: Advanced Data structures and Algorithms, Software Engineering, Advanced Database Management Systems, and Cloud Computing (AWS)

## EXPERIENCE

### Facebook, ABCS Fellow, Remote

Spring 2020

Attended weekly development workshops geared towards enhancing knowledge of programming fundamentals, engaging with industry professionals, and career readiness.

### Goldman Sachs, Software developer, Dallas, TX

Summer 2021

**Rotation 1:** Tech stack - Java, Spring framework, & Git-lab

Build a dependency issue-tracking service application that automates production applications by analyzing and monitoring their dependency to ensure each application is running healthy & up to date. If any abnormality is detected, the service will raise a flag with the severity of the issue.

**Rotation 2:** Tech stack - Java, Grafana, Prometheus & Git-lab

Developed a built-in system for trading application that examines time-series data by setting multiple metrics to investigate users' interaction patterns to the app and configuring alerts when metric(s) exceeds a certain threshold.

### Vitality-Health (Start-up), Software developer, San Francisco, CA

Summer 2020

Designed and developed scalable back-end sections of the application, such as chatting, commenting, posting, and sign-up systems, and successfully deployed the beta version for the test flight.

## SKILLS

**Programming:** Java, Kotlin, REST API, Python, C/C++, JavaScript, MySQL, Object-Oriented programming

**Dev. environment:** Android Dev, Web Dev, Spring framework, Flask, Version Control(Git)

## Projects

### Android-Crypto Exch-App ([URL link](#))

Developed an Online exchange app where users can trade cryptocurrencies. It supports the most commonly traded cryptocurrencies, Bitcoin, Ethereum, and more. The app is integrated with firebase authentication and real-time database API. So that users can secure their accounts, so much so, they can store and retrieve their crypto assets easily.

### University Management System ([URL link](#))

Built an academic advising system (ADS) that runs on AWS-EC2 instances. The system provides an end-to-end student advising service. Students can submit a form to their respective advisors. The advisor feeds the submitted form to another system to verify before transferring it to the principal for a final decision; on whether the student is ready to graduate and become alumni.

### e-Commerce Web App ([URL link](#))

Implemented an e-commerce web app that runs on AWS EC2 instances. The app is intuitive for end-users about the service and product it provides at the moment they land on the first page. Overall, it gives an attractive product display, fast page loading, and a dynamic shopping cart for a better and quality user engagement experience.

*Received Gold-Star Badge in problem Solving on HackerRank.com*