

# SIMON GAVIRIA

## SOFTWARE ENGINEER

### CONTACT

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### EDUCATION

#### CUNY Hunter College

BACHELOR OF ARTS

Class of 2017

#### MAJOR:

Computer Science

#### MINOR:

Math

### SKILLS

- HTML/HTML5
- CSS/CSS3
- Node
- Javascript
- SQL/PSEQUEL
- React
- p5
- ExpressJS
- Bootstrap
- Python
- Ruby
- React Native
- Kotlin
- Java

## WORK EXPERIENCE

### FULL STACK SOFTWARE ENGINEER

ALLOY | ENGINEERING ENABLEMENT | JUNE 2022 - CURRENT

- Analyzed, documented, and resolved codebase conflicts caused by tech debt, preventing potential security vulnerabilities and hindrances to future development.
- Optimized Docker and CircleCI pipelines, increasing development time by up to 1660% and reducing Docker image size by up to 1225%.
- Provided on-call support, assisting with continuous integration issues, local development, dependency management, framework and engine-related questions.
- Implemented a weekly organization-wide Office Hour to address common issues, provide hands-on assistance, and foster collaboration, with positive reception from engineers.

### DEVELOPER ADVOCATE

GOOGLE | CLASSROOM | NOV 2020 - APRIL 2022

- Advised and provided guidance on use of Classroom product APIs, related SDKs and tooling to 3rd Party developers
- Created sample applications, add-ons, and scripts for developers to use as a basis for their own implementations
- Responsible for fixing API related issues reported by developers in an environment, while working with a team of product managers, designers, and software engineers.
- Updated product releases that impact integrations and add-ons
- Updated product releases that impact integrations and add-ons, interfacing with internal and external stakeholders to provide technical expertise to resolve issues or enhance functionality of product

### SOFTWARE ENGINEER

PELOTON | BIKE AND TREAD | JAN 2019 - NOV 2020

- Maintained code for product line and wrote automated tests to ensure quality and efficiency of the product
- Leveraged native APIs for deep integrations for mobile platforms, with a focus on user experience and end-to-end testing
- Built polished, premium user interfaces and experiences
- Worked with product managers to define scope, specifications, and estimates
- Diagnosed and fixed bugs and performance bottlenecks for performance that feels native

### QA ENGINEER

2U, INC. | CMS | JUN 2018 - JAN 2019

- Built and beta-tested new tools and services to be used by the content department.
- Performed quality control on course builds to ensure content renders properly in LMS/OC environment across different browsers.
- Tracked development of course materials through deployment and production, ensuring consistent branding across online and offline channels.