

# VARGHESE RONY GEORGE

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## QAULIFICATIONS

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<b>Languages</b>	Python, Java, HTML, CSS
<b>Skills</b>	Web Development, Back End, REST API, OOP
<b>Frameworks and Tools</b>	Django, WPIlib, Discord, Wit, Bootstrap, Flask, Firestore, Postman

## PROJECTS AND EXPERIENCE

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### **Freelance API Developer [Flask, Google Firestore]** *July 2019*

- Used Google Firestore to traverse and perform CRUD operations on client database
- Developed REST API with Flask to database
- Tested API using Postman

### **Bedezi Startups** *August 2019*

- Used Google sites to design client website drafts
- Created drafts for updated company logo

### **FIRST Robotics [Java]** *2017-2018*

- Programmed a robot to in FRC 2017-2018 post-season to teach recruits
- Using WPIlib's Java library, programmed a robot to move in autonomous and teleoperated control
- Used sensors such as encoders and gyroscopes to measure movement and direction

### **Venday - Task Manager [Django]**

Web Application designed for users to keep track of roles in a group setting. The project had a sortable database of employees, and an assistant to talk to in order to execute commands

- Used Django ORM to access database and CRUD
- Worked with Wit.AI for Natural Language Processing

### **Hangout - Social Planner [Django]**

Web Application designed for users create groups and plan events within those groups. Members can also build an album of photos specific for a group.

- Using Django ORM, built Many to Many relationships to connect users with groups
- Built sub classes of Django pre-made authentication forms for customization

### **Oracle Chat Bot - Discord Game Analysis**

Oracle was a discord chat bot which would access RIOT API to provide League of Legends ranked data

- Returned embeded messages of teams and each players rank
- Displayed level of mastery on a player and their character
- Could do a custom summoner search to see their profile statistics

## EDUCATION

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### **Ryerson University, Toronto ON** *September 2018 - Present*

Bachelor of Engineering, Computer.

In Major GPA: 4.20/4.33

Relevant Courses: Digital Computation and Programming, Calculus II, Software Systems

### **Saint Brother Andre CHS, Markham ON**

*2014 - 2018*

Ontario Secondary School Diploma.

Average: 93%