

VARGHESE RONY GEORGE

📧 varghesegeorge2000 in varghese-george-63b542165 ✉ varghese.rony.george@gmail.com

SKILLS

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

EXPERIENCE

Freelance - API Developer

July 2019

Python, Flask, Firestore, Postman

Developed back end for mobile queuing application

- Mapped documents and collections to account emails using Firebase to store into cloud
- Used Flask and built API to process request objects for database's CRUD operations
- Tested API with simulated request objects using Postman

Bedezi Startups - Web and Graphic Designer

August 2019

- Used Google Site's to create company landing page
- Drafted logo designs for company and products such as mobile applications

Cardinal Robotics - Team Captain

2017-2018

Java, WPILib

- Acquired sponsorship deals and built company relations for competition fees and parts during pre-season
- Implemented code for teleoperated control for tutorials
- Worked on wiring, hardware, and design during competition season
- Developed code for robot autonomous via encoders and gyroscopes in off-season

PROJECTS

Venday - Task Manager

Python, Django, Wit.AI

Web Application which organized tasks amongst teams

- Used Django ORM to store, read and modify objects in database
- Implemented logging sub-application to record changes to task assignments
- Developed assistant tool to retrieve commands from messages using Wit.AI NLP library

Hangout - Social Planner

Python, Django

Web Application designed as social media with event planning capabilities

- Designed mapping relationships between accounts and social groups
- Group chats contained admins, albums, event planners, and private messaging capabilities
- Developed sub classes extending Django pre-made authentication forms to customize input arguments

LoLOracle - Chat Bot for Game Statistics

Python, Discord, Riot Game's API

Created League of Legends tool for players to communicate via chat bot to gain ranked statistics of opponents

- Developed message parsing capabilities to interpret messages for commands and arguments
- Created commands to modify server regions to allow broad access of tool
- Used Riot Game's API to retrieve statistics in JSON of each player to parse ranked information, and scores.
- Used Discord's embedded messages with Riot Games static files for UI

EDUCATION

Ryerson University, Toronto ON

2018 - 2022

Bachelor of Engineering, Computer.

In Major GPA: 4.20/4.33