

# Nicholas Daniel Seetaram

Address: 193 Phulwarie Street Better Hope, ECD, Georgetown, Guyana

Contact Number: (592)-653-5179

Email: [nicholas.daniel.seetaram@gmail.com](mailto:nicholas.daniel.seetaram@gmail.com)

Website: <https://nickseetaram.dev>

Date of Birth: 24 November, 1996

Marital Status: Single

## Skills

- PHP (Laravel, Codeigniter, Phalcon)
- Java (Android Native App development)
- PLSQL (Working with Oracle)
- Python (Django)
- Bash (Automating Scripts)
- SQL (Mysql, MSsql, Oracle)
- Swift (IOS Native App Development)
- Dart (Flutter Mobile App Development)
- Ruby (Ruby on Rails)
- Node (Express, Sails, Loopback)
- Vue (PWA, Frontend)
- Angular (PWA, Frontend)
- React (Frontend)
- Docker (Devops)
- Continuous Integration (Travis CI, Gitlab CI)
- AWS (Sysops, Devops)
- Google Cloud (Sysops, Devops)
- Microsoft Azure (Sysops, Devops)
- Penetration Testing
- PC Repairs
- Server Configurations (Red Hat Linux, Centos, Ubuntu)
- Network Configurations and Installation.

## Experience

August 2017 - December 2020

**IntellectStorm Inc, 312 East Street South Cummingsberg Georgetown, Guyana –  
Software/Security Engineer**

- Building Web/Mobile Applications
- Building Web APIs
- Performing Web/Mobile/Network Penetration Tests
- Automating Security Tests using CI/CD Processes
- Cloud Infrastructure(AWS)

February 2013 - February 2014

### **Talons IT Services & Consultancy - *IT Technician***

- PC Repair and Maintenance
- Network Configuration and Troubleshooting

## **Education**

### **Government Technical Institute, Woolford Avenue**

Pursuing Diploma in Computer Science: September 2019 - January- 2021

### **Cybrary**

Certificate in Advanced Penetration Testing: **C-ada72134-117bb4**

Certificate in Linux+: **C-ada72134-f52ea8**

Certificate in Web Penetration Testing: **C-ada72134-1d0c451**

## **Apps**

### [CovidCases](#)

Covidcases is an online dashboard that crawls all countries that are affected by COVID-19. It is fairly easy to search for a country, and it also includes a heat map indicating where it is affected with COVID-19. The Dashboard is updated with statistics for every new case that is recognized by the WHO.

Features Includes

- List of Active, Deaths, Recoveries and Total Cases per country
- Heat Map
- Health Tips
- News from WHO
- FAQ

### [CAREGY](#) (Collab)

Community Assisted Relief Effort (CARE) is a project that I collaborate with other developers to make available for Guyana. The project purpose is to help connect those who need help with those who can help. The pandemic is a great disadvantage to our economy and we realize a lot of people suffer during the year.

Features Includes

- Heatmap which indicates on the Guyana map of which communities needs help -
- Charts of what is needed, for example (Food items, bills paid etc)

- Get Help Section
- Donation Section
- Coordination Section
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### [GPL/GTT Irregularity Tracker](#)

Working from home and experiencing the continuous power outages from our very own GPL was very irritating as I couldn't manage to complete my tasks on time and it frustrated my teammates. So I decided to build something that can track the power outages and also the irregularities with the Alternate Current in my household.

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#### Features Includes

- Logging power outages and sending an automated message to my teammates indicating I have a power outage.
- Tracking the irregularities with Alternate Current
- Tracking the irregularities with GTT Internet Speed
- Dashboard listing a chart with the power outages, irregularities in current and the internet speed.

### [Guyana's First COVID-19 AI Bot](#)

The COVID-19 AI bot for Guyana was built back in March, see [link](#). This was built for the purpose of those who are lazy to go to a website checking for statistical data or even need answers for basic questions such as symptoms etc.

#### Features Includes

- Mythbusters(For people spreading myths)
- Protect yourself(Guidance on how to stay safe)
- Treatments
- Symptoms
- Country Stats (Check countries by querying the country name for stats) - Overall World Stats

### [COVID-19 Contact Tracing App](#)

This contact tracing app, whilst still in its prototype phase has been shown to effectively notify users if they have recently been near to someone who later tested positive for COVID-19. The app relies on the Exposure Notification System developed by Apple and Google and used by contact tracing apps throughout the world. It features a high level of security and privacy by never collecting any personally identifiable information or location information. The app also includes an information component providing useful

statistics and health information on COVID-19 in Guyana, along with assisting users in performing self checkups and contacting the COVID-19 hotlines. See the links below for recent features of the app in the media:

- <https://guyanatimesgy.com/young-guyanese-duo-creates-covid-19-contact-tracing-app>
- <https://www.facebook.com/1731194920490867/posts/3096732727270406>

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## Awards

GTT Sponsored Hackathon 3rd Place (Team Macros - 2016)

MOPT Sponsored Hackathon 3rd Place (Team IntellectStorm - 2017)

MOPT Sponsored Hackathon 3rd Place (Team IntellectStorm - 2019)