VIVEK GEORGE

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EDUCATION

Candidate for B.Eng,
Computer Engineering,
Ryerson University
2016-2020 (Expected)

SKILLS

- Proficient in Java, Python, C#
- Experienced in C++, MatLab
- Experienced in Application Development and Back-End Development

AWARDS

- University of Toronto Scarborough Local Hack Day – 1st Place Winner
- BioHack - 3rd Place Winner
- Ryerson Hacker Cup 2017 – 1st Place Winner
- Dean's List
  - CGPA: 3.92

INTERESTS

- Software Development
- Robotics

HACKATHONS

UTSC Local Hack Day | Offline Browsing   *2017*

- An Android application that allowed the user to browse the internet without cellular or a WiFi connection
- Website content is scrapped and sent through SMS, with an Android App that processes it and displays a user-readable website
- Built with *Android, Python, BeautifulSoup, Twilio*

BIOHACK | Breath Monitor   *2017*

- An Arduino project that used sensors to monitor and graph the breathing patterns of patients in order to find any anomalies
- Using an alcohol sensor module, a user's breathing was monitored and plotted in an Excel graph
- Built with *Arduino, Excel*

MHacks X | Home Automation System   *2017*

- An IoT framework that allowed tasks to be automated based on sensor data and user-set triggers
- Created a companion Android Application that informed users of changes through a SMS and a Text-To-Speech message
- Built with *Java, Android SDK, Arduino*

PROJECTS

DISCORD CHAT BOT   *2016*

- Created a server bot that handled tasks for our Dungeons & Dragons group
- Handled dice rolls, saving chat quotes and web parsing for spell lookups
- Built with *Java, Discord4J*

REDDIT SENTIMENT ANALYSIS   *2017*

- Searches the top reddit submissions and subreddits related to a search query, judging if comments are positive or negative
- Coded using nltk's VADER sentiment analyzer, specifically geared towards social media use
- Built with *Python, nltk, PRAW*

EXPERIENCE

TREEHOUSE LEARNING LABS | Teaching Assistant   *2017*

- Assisted in running a class of elementary school children, teaching Arduino
- Personally ran a session teaching a group of Syrian refugees