Edmond Behaeghel

(978)-408-5700
epb9635@rit.edu

Objective

Hardworking Student offering one year of work experience and extensive knowledge of Information technologies. Meticulous and detail-oriented with excellent observational, organizational, and communication skills.

Education

Rochester Institute of Technology, Rochester, NY

Bachelor of Science Computer Information Technologies, expected December 2021

Work Experience

Summer 2019 **Computing Science Intern** *Vertex Pharmaceuticals, Boston, MA*

- Constructed a system that allowed for alerting lab staff to the conditions of an experiment.
- Using Apache NIFI and MiniFi to do the data collection and sorting.
- This system notified staff when an experiment failed, to allow them to reset without needing to wait till the end of a cycle cutting downtime by 1-4 hours.

Summer 2018 **Computing Science Intern** *Vertex Pharmaceuticals, Boston, MA*

- Piloted a solution to monitor lab environments recreation using the Internet of Things.
- Using a Raspberry pi, MQTT, and Apache NIFI, prototyped a system that allowed for remote monitoring and alerting of lab conditions.
- This prototype is a starting point for developing further IoT solutions. Along with being a Proof of Concept to show the validity of this approach to lab monitoring.

Skills

- **Programming:** Java, Python, C, C++
- **Networking:** Wireshark/Packet tracing, Cisco command interface, VLANs, STP, Routing, OSPF
- **Virtualization**: vSphere, VMworkstation, VirtualBox, Using VMs for testing and development
- **Languages:** Conversational French

Projects

Battleship: Designed and implemented a fully functioning Battleship game in Java. Including a fun and informative GUI just like the traditional board game, and game chat to communicate with your opponent. Threading each process allowed each element to run independently for a much smoother experience.

Honor Flight: Designed and implemented an API with flask.py to allow the Honor Flight mission teams to access all necessary data for a mission. Key efforts were to create a stable and reliable platform that could accommodate any number of changes that the Honor Flight team may wish to implement on either the website or database.