VAMSI LINGAMANENI

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OBJECTIVE

To obtain an intern position in the field of Software Development, in a company whose values and goals are in conjunction with my own value and skill set. Available to work from January 2020 – August 2020.

EDUCATION

York University 2016 – Present
Bachelor of Engineering (B.Eng.), **Computer Engineering**

Technical SKILLS

Programming Languages: Java, HTML, CSS, JavaScript, C, Python, SQL, Verilog, Macro, Bash, Assembly (MIPS), MATLAB
Operating Systems: Windows, Unix/Linux, OS X, iOS, Android
Framework: Bootstrap, Angular, jQuery, NodeJS, React Native
Software: Microsoft Office, RISC-V, Arduino, Git

WORK EXPERIENCE

Enbridge Gas Distribution – DSM Analyst Summer Student May 2018 – Aug 2018
Toronto, On

- Assisted the team lead of cloud-based application project, with data cleansing, data validation, data migration as well as front-end testing of the application, which helped the team with the completion of technical portion of the project.
- Microsoft Excel was used for the Data Analysis work, became proficient in macro programming and other similar components in Excel.
- Implemented corporate work flow and processes by working with multiple Business departments within in Demand Side Management (DSM) Sector of Enbridge.
- Demonstrated teamwork skills as well as communication skills while working with many experienced and elder colleagues, in the DSM department. In addition, there were other employees in the IT and Development team at Enbridge, who needed to be communicated with, regarding the front-end testing of the application.

PERSONAL PROJECTS

York Engineering Frosh – Android App Sept 2019

- Developed an Android Java app using Android Studio, zxing library as well as many other Java libraries. The app was designed to scan a QR code and then search up the QR code in a CSV file loaded into the app, and finally output the desired result.
- The app was used for security check-ins initially however it allowed for faster check-ins than traditional security check-ins, which helped improved the frosh experience.
- To develop this application, another CodeFi executive and myself, used the Waterfall SDLC model, as we had clear requirements and there was a clarity from start to finish of project of what the output should be.
- The code for the app can be accessed through this link: https://github.com/vaamsii/QRScanner

Personal Portfolio - Website Sept 2019

- Made a personal website using the Bootstrap Framework and Html, CSS, and JavaScript languages, to showcase my full portfolio as well as all my projects.
- Improved Frontend skills in Html by working with many different Html attributes and tags like, “Href”, “id”, “src” and many more.
- The website is hosted via Netlify and Github and can be accessed through the link: https://vamsii.site

CodeFi Club – Website May 2019

- Built the Club website using HTML, CSS languages as well as Bootstrap Framework with another CodeFi Executive. The website allows for York University students to see information about the club as well as upcoming events and contact information of the club executives.
- To build this website, we used the agile SDLC model, as we have to constantly be updating events and other information within the website.
- The website is hosted via Netlify and Github also and can be accessed through the link: https://codefi.club/

VOLUNTEER EXPERIENCE

CodeFi Club – President and Developer May 2019 – Present

York University, Toronto, On

- CodeFi club is a club made in a modern start-up style, with an intention of producing mobile and web apps for the clients or into the market.
- As a President of this club, made significant changes to the constitution and rebranded the club and the mission for the club. The club has already made significant progress compared to previous years and have made many partnerships and collaborations with other clubs already, especially with York Frosh.
- As a developer, will be hosting a workshop regarding Html, CSS and JavaScript on October 3rd, 2019, which will further develop my programming and communication skills.
- In addition, as an President of the club, developed Leadership and project management skills.

Appdroid Club – Developer and Treasurer Sept 2018 – April 2019

York University, Toronto, On

- As a developer, required to design and implement the ideas made by the program architects in the club. In addition, required to work with five other developers and three software testers.
- As a treasurer, required to take care of all the financial needs of club, from the web server costs to basic supplies. In addition, required to make business deals and partnerships with the sponsors and fellow York University clubs; as well as, attracting the sponsors and general members into the club.
- Executed project management skills, financial skills, programming skills, communication skills, and team work skills.

COMPETITIONS

York Engineering Competition – Consulting (First Place) Oct 2018

York University, Toronto, On

- Objective of the Consulting competition is to come up with a plan of action for an environmental problem in Canada within a limited time. There are restrictions given for the plan of action, such as budget, duration of the project and the reality of the plan succeeding. In addition, the proposal needed to be a business pitch to a group of Engineering professors from different streams of engineering.
- Various Engineering design principles as well as problem-solving skills were used such as, Stake holder analysis, SWOT analysis, Budget analysis, Risk analysis and many more.
- Improved team work skills, communication skills, presentation skills as well as problem-solving skills. Finished first place in this competition, in addition competed at OEC (Ontario Engineering Competition) representing York University, on January 18th, 2019.

York Engineering Competition – Programming (First Place) Jan 2018

York University, Toronto, On

- Programming competition's objective was to work under limited time and with a group to build a program based of a general problem. In addition, a presentation about the program to a group of Computer and Software Engineering professors was also required.
- The judges gave a famous problem named, Optimization of a feeder-bus route design; and required the competitors to make GUI (Graphical User Interface) for the final product.
- Improved team work, programming, presentation and problem-solving skills. Finished first place in this competition and competed at OEC (Ontario Engineering Competition) representing York University.