Setu Potnis

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Work Experience

Box Labs   Toronto (Remote)   *Software Developer*   *Sept 2020 | Present*

- Imaginatively creating data visualizations with Python, informing patients about health risks
- Successfully converting markups in Figma to functional UI to increase application features
- Proficiently building test cases to assess for scalability in TypeScript, improving user experience

National Research Council   Ottawa   *Web Application Developer*   *Jan 2020 | Aug 2020*

- Creatively developed, tested and deployed data visualization systems to production servers increasing the usability of data
- Efficiently created data visualizations and machine learning tools with JavaScript to slash energy usage statistics, consequently allowing clients to reduce expenses by 20%
- Independently employed the use of data structures in JavaScript to significantly reduce repetitive code and considerably improve scalability of algorithms
- Effectively communicated with clients through technical guides to present the product and increase client satisfaction

Mirrabel Inc   Toronto   *Software Developer*   *May 2019 | Aug 2019*

- Diligently worked to manage the back-end of the website in Python and reduced runtime errors by 40% to allow faster website performance
- Decisively produced a Shopify application by designing the user interface with React.js, and a functional backend with Express and NodeJS
- Meticulously analyzed user data with Python and Matlab to decide how well existing e-commerce stores were gaining success from using the app

Projects

uOttaFit JavaScript, Python   *https://github.com/setupotnis/uOttaFit*
A full stack application, made with PyTorch and JavaScript, which prompts users on how to perform weightlifting exercises without becoming injured and achieved top 5 out of 177 participants for creating technology which improved health and wellness of users

Skills

Programming Languages JavaScript, Python, Java

Frameworks Django, Flask, ReactJS, Express

Libraries PyTorch, TensorFlow, jQuery

Web Technologies REST, HTML5, CSS, MongoDB, AWS, Azure

Education

University of Waterloo   Waterloo, Ontario
Bachelors of Applied Science Nanotechnology Engineering   *Sept 2018 | Apr 2023*