

# M TOWSEEF HOSSAIN

towseef-react-landing.herokuapp.com ◇ mt5hossa@uwaterloo.ca

## TECHNICAL STRENGTHS

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<b>Programming</b>	Java, Kotlin, React, Node.js, C++, Bash, Python, C, SQL, Scheme
<b>Tools &amp; Frameworks</b>	Spring Boot, Splunk, Herokuapp, Jenkins, GitHub, Agile, AWS, LaunchDarkly

## WORK EXPERIENCE

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<b>Intuit Inc.</b> <i>Full-stack Software Development Co-op</i>	Mississauga, ON <i>Sep-Dec 2019</i>
<ul style="list-style-type: none"><li>· Worked on the compliance team for TurboTax Online to prepare it for review by the Canada Revenue Agency</li><li>· Improved cycle time reporting by <b>20%</b> by writing Jenkins scripts connected to JIRA and GitHub</li><li>· Increased test coverage of the codebase from <b>15%</b> to <b>25%</b> by writing unit and end-to-end tests</li><li>· Developed a feedback system connected to Splunk that allows users to communicate directly with developers</li><li>· Developed a chat bot that uses Natural Language Processing capabilities of AWS to provide personalized support to users and answer their questions during their tax filing process</li></ul>	

<b>Intuit Inc.</b> <i>Mobile Development Co-op</i>	Mississauga, ON <i>Jun-Aug 2020</i>
<ul style="list-style-type: none"><li>· Worked on the Android team for the TurboTax Online mobile application, with a focus on implementing new features in the application</li><li>· Developed a widget for the Android app to allow users to store relevant tax documents in the application</li><li>· Improved the users' onboarding experience by designing a progress bar for the sign up process</li><li>· Refined the TurboTax SKU recommendation system account for a wider range of user experiences and expectations</li><li>· Upgraded the province selection tool to cater to Canadians living abroad</li></ul>	

<b>codeprentice-org/sniffpy</b> <i>git.io/JUJcT</i>	University of Waterloo / Columbia University <i>Jul 2020 - Present</i>
<ul style="list-style-type: none"><li>· Worked on the Codeprentice team as a Front-End and Infrastructure Developer</li><li>· Designed the organization's website to inform members of the latest opportunities to contribute to open-source</li><li>· Ensured higher quality contributions to the organization by designing GitHub Actions workflows and PR templates</li></ul>	

## PROJECTS

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<b>UW VR Website</b> <i>git.io/JJXis</i>	Waterloo, ON <i>Jul 2020</i>
<ul style="list-style-type: none"><li>· Designed a robust website for the marketing of the UW Virtual Reality club, using ReactJS</li><li>· Created a deployment pipeline using Herokuapp to ensure responsive updates</li><li>· Developed routing in-application to update website from Google Sheets data and Google Photos assets</li><li>· Improved club visibility and average event attendance by <b>30%</b></li></ul>	
<b>FoodyRoomies</b> <i>devpost.com/software/foodyroomies</i>	Waterloo, ON <i>Jun 2019</i>
<ul style="list-style-type: none"><li>· Built a cohabitation assistance web application with an HTML, Bootstrap CSS and JavaScript frontend</li><li>· Programmed frontend functionality that updates the MongoDB database through the NodeJS backend.</li><li>· Programmed the website to push notifications to a specified Slack channel using the StdLibJS API.</li></ul>	

## EDUCATION

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<b>University of Waterloo</b> <i>Candidate for Bachelor of Mathematics, Honours Co-op</i>	Waterloo, ON <i>Expected to graduate in Jan 2024</i>
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- Double Major in Statistics and Combinatorics & Optimization, with Computing Option