

<div> <div>Yash Sethi</div> <div>Thunder Bay, ON, Canada P7E 6M4</div> <div>+1-(807) 358-7307   ysethi92@gmail.com   linkedin.com/in/ysethi92   ysethi92.github.io   play.google.com/ysethi92</div> </div>	
<div> <div>PROFILE SUMMARY</div> <div> <ul style="list-style-type: none"> <li>3+ years of programming experience with <b>C/C++, Java, Python</b>, and <b>Git</b> languages</li> <li>2+ years of experience developing applications for <b>Android mobile devices</b>.</li> <li><b>Knowledge of Data Structures &amp; Algorithms and Software Development.</b></li> </ul> </div> </div>	
<div> <div>SKILLS</div> <div> <ul style="list-style-type: none"> <li><b>Concepts:</b> Object Oriented Programming, Data Structures, Software Engineering, Operating Systems</li> <li><b>Languages:</b> C/C++, Java, Kotlin, Python, JavaScript, HTML, CSS</li> <li><b>Software Applications:</b> VS Code, Vim, IntelliJ, Eclipse, Jupyter Notebook</li> <li><b>Operating Systems:</b> Android, Windows, Linux</li> <li><b>Database:</b> MySQL</li> <li><b>Data Science:</b> Machine Learning, Deep Learning, Computer Vision, Natural Language Processing (NLP)</li> <li><b>Libraries &amp; Frameworks:</b> Keras, TensorFlow, Firebase, React, React-Native, NumPy, Pandas, JUnit</li> <li><b>Platform &amp; Tools:</b> Git, Jenkins, Jira</li> </ul> </div> </div>	
<div> <div>EDUCATION</div> <div> <div> <div>Lakehead University</div> <div>Master of Science, Computer Science. Current GPA: 89.5/100</div> </div> <div> <div>Jan 2021 - Aug 2022 (Expected)</div> <div>Thunder Bay, ON, CA</div> </div> </div> <div> <div>Yeshwantrao Chavan College of Engineering</div> <div>Bachelor of Engineering, Computer Technology. GPA: 8.16 / 10.00</div> </div> <div> <div>April 2016 - Oct 2020</div> <div>Nagpur, IN</div> </div> </div>	
<div> <div>EXPERIENCE</div> <div> <div> <div>Goibibo</div> <div>Software Development Intern</div> <div> <ul style="list-style-type: none"> <li>Integrated the Google In-App Update API on application start-up, delivered to approximately 50 million users.</li> <li>Implemented Deep linking and revamped the home screen, improving the application interaction rate by approximately 3-4%.</li> <li>Over 2 months, applied various Android architectural patterns in adherence with good programming practices.</li> </ul> </div> </div> <div> <div>May 2019 – June 2019</div> <div>Gurgaon, IN</div> </div> </div> <div> <div>Byte Bonding Technologies</div> <div>Software Development Intern</div> <div> <ul style="list-style-type: none"> <li>Learned the basics of Android Development and contributed to an ongoing Android project on the Internet of Things (IoT).</li> </ul> </div> <div> <div>May 2018 – June 2018</div> <div>Jabalpur, IN</div> </div> </div> </div>	
<div> <div>PROJECTS</div> <div> <div> <div>Hate Speech Detection   Python, NLP, Keras, TensorFlow, PyTorch</div> <div> <ul style="list-style-type: none"> <li>Implemented ML and DL models using TensorFlow and PyTorch to detect Hate Speech in English text.</li> <li>SVM with Universal Encoder Sentence Embeddings gave the best results (macro F1-score of 0.53).</li> <li>Dataset Source: SemEval 2019 - Task 5</li> <li>Link to the project: <a href="https://github.com/ysethi92/Hate-Speech-Detection">https://github.com/ysethi92/Hate-Speech-Detection</a></li> </ul> </div> </div> <div> <div>Nov 2021 – Dec 2021</div> </div> </div> <div> <div>Face mask and Social Distancing Detection   Python, Computer Vision, Keras, TensorFlow</div> <div> <ul style="list-style-type: none"> <li>Trained a MobileNetV2 + SSDMNv2 model with 12,238 images of people with and without a facemask.</li> <li>Devised a way to improve the performance of the face detection algorithm for large images.</li> <li>Achieved an accuracy of 99% for the Face mask detection algorithm.</li> <li>Detected social distancing using YOLOv3 pre-trained on COCO’s dataset containing 328K images.</li> <li>Link to the project: <a href="https://github.com/ysethi92/Facemask-and-Social-Distancing-Detection">https://github.com/ysethi92/Facemask-and-Social-Distancing-Detection</a></li> </ul> </div> <div> <div>Feb 2021 – July 2021</div> </div> </div> <div> <div>Meteor Blaster   Java, XML, Android, Firebase</div> <div> <ul style="list-style-type: none"> <li>Engineered an Android Arcade game, wherein the user aims to save the earth from meteor showers.</li> <li>The game implements various features like collision detection between meteors.</li> <li>Integration of Firebase Authentication and Google Play services, letting users compete for the 1st position on the leaderboard.</li> <li>Link to the app: <a href="https://play.google.com/ysethi92/meteorblaster">https://play.google.com/ysethi92/meteorblaster</a></li> </ul> </div> <div> <div>July 2020 – Aug 2020</div> </div> </div> <div> <div>UI Component Kit for React Native   JavaScript, React-Native</div> <div> <ul style="list-style-type: none"> <li>Engineered 10-12 highly customized open-source UI components catered for different use-cases.</li> <li>Link to the project: <a href="https://github.com/ysethi92/ui-kit-react-native">https://github.com/ysethi92/ui-kit-react-native</a></li> </ul> </div> <div> <div>Oct 2019 – June 2020</div> </div> </div> <div> <div>Text To Image Synthesis   Python, PyTorch</div> <div> <ul style="list-style-type: none"> <li>Implemented a model for synthesizing images for text description using the GAN-CLS algorithm.</li> <li>Trained the model on the Caltech - UCSD Birds dataset containing 11,788 images.</li> </ul> </div> <div> <div>Mar 2020 – Apr 2020</div> </div> </div> </div>	
<div> <div>ACHIEVEMENTS AND HONORS</div> <div> <ul style="list-style-type: none"> <li>1st team from college to represent at ACM ICPC 2017-2018: Amritapuri onsite regional round.</li> <li>Stood 1st in a programming contest organized by RG CER, Nagpur.</li> <li>Guided Android development Club, CT department, YCCE.</li> <li>Coding Club Co-Head, CT department, YCCE.</li> <li>Qualified Facebook Hacker Cup 2018 Round 1.</li> <li>Qualified Google SnackDown 2019 Round 1.</li> </ul> </div> </div>	