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