GAURAV KUNTE

gkunte11@gmail.com Portland, Oregon +1(503)-922-9890

https://github.com/Gkunte11 https://gkunte11.github.io

EDUCATION :

- **Masters in Computer Science**, Portland State University, OR 9/2017 - Present
  Expected Graduation : June 2019
- **Bachelors in Computer Engineering,** Vishwakarma Institute of Information Technology - Pune, India GPA - 3.4 7/2013 - 7/2017

TECHNICAL AND COMPUTER SKILLS :

- **Languages -** Java, Python, C, C++, CUDA, OpenMP, JavaScript
- **Front End -** React JS, HTML, CSS
- **Back End -** Node JS, Express JS, MySQL, PostGRESQL
- **Technologies -** openCV, git, intelliJ JetBrains

EXPERIENCE :

- **Object Shape Recognition (2/2019 - 3/2019) -** Implemented the research paper - “Object Shape Recognition in Image for Machine Vision Application”. It follows RGB to HSL image conversion, thresholding, image filling, median filtering, edge detection and shape recognition.

- **Phone Bill Application (7/2018 - 8/2018) -** A Rich internet web application for providing RESTful services to a phone bill client. Web-based user interface developed with Google Web Toolkit.

- **WeatherWise (2/2019 - 3/2019) -** Created a Weather based web application using openWeatherMap API. Implemented the front end in React JS and back end in Node JS + Express JS. Used PostGRESQL to store the list of cities. For a particular city, it will show the current weather or a 6 day forecast based on the user’s selected option.

- **Sorting Methods and Matrix Multiplication using CUDA and OpenMP (4/2018 - 6/2018):** Comparing the execution time of quick sort using CUDA and OpenMP. Matrix multiplication and odd even sorting in CUDA.

- **Operating System Kernel Implementation (9/2017 - 12/2017) -** Implemented uniprocessor operating system using monitors. Allocation and freeing of resources was done by implementing ThreadManager, FrameManager and ProcessManager. Upon completion, the CPU will switch back to user mode before resuming execution of the user-level process.

OTHERS :

- Coursera/deeplearning.ai Certificate - Neural Networks and Deep Learning, Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, participated in IOT - Hackathon - 2018 (Women Who Code) and developed a Smart Monitoring System