

gkunte11@gmail.com

GAURAV KUNTE

Portland, Oregon

+1(503)-922-9890

<https://github.com/Gkunte11>

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
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TECHNICAL AND COMPUTER SKILLS :

- **Languages** - Java, Python, C, C++, CUDA, OpenMP, HTML, Javascript
 - **Databases** - MySQL, PostgreSQL
 - **Technologies** - openCV, git, IntelliJ Jetbrains
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EXPERIENCE :

- **Object Shape Recognition (2/2019 - Present)** - The main aim of this project is to differentiate basic shape such as circle, square and triangle in the given input image by implementing computer vision techniques. The algorithm uses compactness as the shape indicator.
 - **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.
 - **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.
 - **Internet Relay Chat (9/2017 - 12/2017)** - Developed a chat application between multiple servers and clients using python. A client could send messages as well as files to distinct rooms. Sharing of files was implemented using FTP.
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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