

# SHANTANU DEORE

shantanudeore223@gmail.com | (540)-824-8346 | Blacksburg, VA, 24060 | [linkedin.com/in/shantanu-deore/](https://www.linkedin.com/in/shantanu-deore/)

## EDUCATION

---

**Master of Engineering**, Computer Science *Aug 2021 - May 2023*  
Virginia Tech, Virginia  
**Bachelor of Technology**, Computer Science *Aug 2015 - May 2019*  
Vishwakarma Institute of Technology, Pune, India GPA: 8.19/10.0

## SKILLS

---

**Languages:** C++, Java, Python, SQL  
**Web Development:** Javascript, NodeJS, AngularJS, HTML, CSS  
**Database:** MySQL, MongoDB  
**Development Environment:** Microsoft Visual Studio, Eclipse  
**Others:** JIRA software, TortoiseSVN, Git

## EXPERIENCE

---

**Software Engineer**, Quick Heal Technologies, Pune, India *Jul 2019 - Nov 2020*

- Brought down the tracking time for the cause of customer escalations by 30% by developing Advanced Logging Module for Endpoint Security(EPS) which logged recent abnormal events on a single-server-multi-client system
- Demonstrated an idea to save 5 man-hours/week for manual, repetitive tasks by building a mechanism to map steps in test suites to automated processes using NLP
- Contributed to 2 Global Service Packs by developing features like Report Generation for Intrusion Detection and Intrusion Prevention Systems in PDF and CSV format, finding out patch installation status for Microsoft products
- Developed mechanism to generate PDF reports for a feature that provided only CSV reports earlier
- Built 3 'After Updates' which was a mechanism to apply newly added features to existing clients
- Resolved more than 15 customer escalations by discussing possible solutions with colleagues and communicating their impacts with mentors
- *Tech Stack* : C++, MySQL, Visual studio, .net Framework

**SDE Intern**, Quick Heal Technologies, Pune, India *Aug 2018 - Dec 2018*

- Created a UI based tool to build and add definitions of sensitive data such as DEA numbers in the Data Loss Prevention engine
- Verified the functioning of definitions of sensitive data by developing a demonstrative program
- Designed and implemented a program to catch sensitive data in a PDF, for the DLP engine
- Saved 2 man-hours/week by building a script to automate installer for Seqrite product

## PROJECTS

---

**Rodent's Revenge**

- Developed a windows game in Java with a user interface where the user is a rat with a task to block the cats with movable blocks.
- Applied object-oriented concepts for all movable items.
- Implemented multi-threading to define the movement of every cat

**UI based simulator for Shortest Path**

- Built a UI-based simulation in Java for the detection of the shortest path from a source to a destination using Dijkstra's algorithm
- Provided a functionality to add obstacles in between the source and destination.

**Histopathologic Cancer Detection using CNN**

- Designed a Machine Learning based program using Python to detect the presence of a cancer cell in a given Histopathologic image
- Utilized Keras module for experimentation of the ML model and obtained the dataset from Kaggle

**Online Discussion Forum**

- Created a website for students to discuss any collegiate issue
- Used PHP for the backend and javascript, HTML, CSS for the front-end, and MySQL as the database

## CURRENT COURSES

---

• Intermediate Data Structures and Algorithms | Software Engineering | Information Retrieval and Storage

## ACTIVITIES

---

- Led team of 3 in the final year project and other academic projects
- Organised team events and activities at Quick Heal Technologies for the team of 25 members