

AMEYA SANTOSH GIDH

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EDUCATION

Northeastern University

September 2021 – May 2023

Candidate for Master of Science in Computer Science - GPA - 4.0 / 4.0

Boston, USA

Course work: Web Development, Mobile Application Development (Summer 2022), Object-Oriented Design, Data Structures, Algorithms, and Their Applications within Computer Systems (Spring 2022), Discrete Structures, Intensive Foundations of Computer Science (Fall 2021).

Sardar Patel College of Engineering, Mumbai University

August 2017 – May 2021

Bachelor of Engineering - GPA - 9.20 / 10

Mumbai, India

TECHNICAL KNOWLEDGE

Languages: Python, Java, JavaScript, C++, C.

Web / Frameworks: HTML, CSS, Bootstrap, JavaScript, Node.js, React.js, jQuery, Express, Flask, Django.

Databases: MongoDB, MySQL, SQLite, PostgreSQL.

Tools: GitHub, IntelliJ, Android Studio, Visual Studio Code, Jupyter Notebook, Heroku, Vim

WORK EXPERIENCE

Northeastern University

May 2022 - July 2022

Graduate Teaching Assistant for CS3800 Theory of computation *Massachusetts, United States Of America*

- Collaborated with faculty to manage course logistics, assignments, and class activities. Responsible for evaluating, grading assignments and delivering constructive feedback. Conducted office hours on topics including **finite automata**, **regular expressions**, **Turing machines**, **NP-P completeness** problems to clear student doubts and queries.

Appdid Infotech LLP

February 2021 – March 2021

Application Developer Intern

Maharashtra, India

- Coordinated with a team of **5** members to create a multi-purpose calculator application.
- Used Android Studio **Java programming** to test and debug the application.
- Integrated extra functionality in the application.
- Created the Final report and presented it before the company using **Microsoft Office 365 tools**.

Zebo.ai

January 2021 – February 2021

Machine Learning Intern

Karnataka, India

- Collaborated with a team of **45** to create a **Machine Learning Model** for dermatology data.
- Developed and deployed the model that assisted the company in predicting the type of skin illness linked with an **image data**.
- Fine-tuned the model's hyper parameters, which increased accuracy by roughly **8%**.

PROJECTS

Photo album project [↗](#)

- Developed a photo album project which uses java programming to create two views **web view** and **graphical view**. Created a user friendly interface using **Swing GUI** library and **HTML**. Used concepts of object oriented programming such as **SOLID**, **Model View Controller**, **inheritance**, **abstract classes** and **interfaces** to create the program.

Linux Shell [↗](#)

- Created a **Linux shell** in **C** that supports typical commands like '**cd**,'**help**,'**exit** and '**ls**,' as well as unique ones like '**pipes**' and '**guessing game**.' Used signal handler to implement keyboard shortcuts. To parse and execute commands, I used fork, execvp, and the C library.

Slide Puzzle Game [↗](#)

- Designed a single player sliding puzzle game using **object oriented programming** in **python** in which I incorporated the functionality of **turtle library**. Worked with **files system** and image data. **Debugged and handled errors**.

Achievements

- Developed a marketing strategy and organized an event for her incredible minds which is a Nonprofit organization dedicated to the advancement of young women in STEAM.
- Web Design Head for College's Technical Fest.
- Secured 3rd prize in VRC robotics competition.