

Ameya Santosh Gidh

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EDUCATION

Northeastern University, Khoury College of Computer Sciences Boston, MA Sept 2021 – Aug 2024

Candidate for Master of Science in Computer Science GPA – 3.75 / 4

Relevant Courses: Machine Learning, Algorithms, Web Development, Mobile Application Development, Object-Oriented Design, Discrete Structures, Intensive Foundations of Computer Science

University of Mumbai, Mumbai, India

Aug 2017 - May 2021

Bachelor of Technology GPA – 9.20 / 10

TECHNICAL KNOWLEDGE

Programming Languages: Python, Java, JavaScript, C#, C++, C, MATLAB

Web Technologies: Node.js, React.js, Angular, Express.js, jQuery, Flask, Django, Bootstrap, HTML, CSS

Frameworks: Spring Boot, Spring MVC, NumPy, *scikit-learn* matplotlib, TensorFlow, .net, kivy

Databases: MongoDB, SQL Server, MySQL, Firebase, PostgreSQL

Software / Tools: Git, Heroku, Jira, Linux, VS Code, Tableau, Anaconda, IntelliJ, npm, Postman

PROFESSIONAL EXPERIENCE

Delsys, MA, USA

Jan 2023 – Aug 2023

Software Developer CO-OP

- Built State-Of-the-art software using C#, Python language and .net framework.
- Successfully integrated the python application with .net code using Delsys API.
- Tested, debugged the code thus eliminating potential bugs and reduced the size of code making it more efficient
- Used CI/CD workflow model, performed code reviews, gave daily feedbacks and weekly reports to the team.

Northeastern University, Khoury College Of Computer Science, Boston, MA

May 2022 – Dec 2022

Graduate Teaching Assistant Theory of Computation

- Supervised exams, evaluated assignments, resolved queries and assisted professor with classroom instruction

Adagrad A.I, Pune, India

July 2020 - Sept 2020

Machine Learning Intern

- Collaborated with a team of 5 to create and customize CNN model to predict the presence of melanoma skin cancer.
- Critically analyzed data patterns and derived feature maps from pooling layers
- Deployed a network layer to further improve model's accuracy by 8%

Omvsab IT Solution, Pune, India

Nov 2019 – May 2020

Java Software Developer Intern

- Automated employee data storage and retrieval using MySQL
- Monitored performance against quality, provided operational and SLA reporting in Spring MVC
- Integrated appraisal-based incentive system and synced ODBC to SQL server for easy tracking and management
- Applied object-oriented design principles and patterns to reduce the code length by 15% and code files by 10 %

PROJECTS

Financial Data analysis using time Series and RNN models

Oct 2022 – Dec 2022

Python programming, TensorFlow, NumPy, Matplotlib, scikit-learn, MATLAB

- Performed Time series data analysis and built RNN models to predict future of stock prices
- Scraped the web for various indexes data and then performed data analysis using python libraries like NumPy, scikit-learn, pandas, matplotlib, created LSTM model and acted as a soundboard to discuss internal math.

Movie Time

July 2022 - Aug 2022

React.js, Node.js, Express.js, MongoDB, java script, Bootstrap, Html, CSS, Google API, Firebase, Heroku, Git

- Lead the team of 5 members for end-to-end project development
- Developed and deployed a MERN stack application with user authentication and deployed it using AWS.

Linux Shell

Oct 2021 – Nov 2021

C programming, Vim,

- Created a Linux shell in C that supports typical commands like 'cd', 'help', 'exit' and 'ls' and pipes.
- Used 'signal handler' to implement keyboard shortcuts, used fork and C library to parse, execute commands.

ACHIEVEMENTS

- Organized an event and prepared a marketing strategy for “her incredible minds” which is a nonprofit organization dedicated to the advancement of young women in STEAM thus helping the society
- Authored and Published a Research paper titled Design and Simulation of Electric Vehicle in IJARIII