

Abhiram Rustagi

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EDUCATION

The Ohio State University,

B.S. Computer Science and Engineering (Honors, GPA: **3.4/4.0**)

Undergraduate Teaching Assistant: Fundamentals of Engineering (ENGR 1811)

- Tutored students and graded assignments for a class size of 72 students.

Relevant coursework: Software Development, DSA, Discrete Structures, Linear Algebra, Inclusive Leadership, Technical Communication.

Certifications: Introduction to Backend-development (META), Specialization in Data Structures and Algorithms (UCSD); Udacity: Intro to Machine Learning.

Columbus, Ohio

December 2024

TECHNICAL SKILLS

Languages Familiarity: Python, Java, CSS, Bootstrap, JavaScript, SQL, React.js, Swift, C, C++, MATLAB.

Technologies: MySQL, Git, AWS, Firebase, Tkinter, BeautifulSoup, Python Re.

WORK EXPERIENCE

Nationwide, Columbus, OH

Data Science Research Intern

August 2022-Present

- Acquiring, preparing, and cleaning data sets, some containing millions of rows and hundreds of dimensions.
- Analysing and visualizing trends and patterns in structured and/or unstructured data and effectively communicating relevant insights in support of business problem solving.
- Building, evaluating, and documenting predictive models and sharing findings with business partners.

CIS OnRamp, Columbus, OH

Data/Innovation Analyst

June 2022-July 2022

- Analysed current footfalls at Easton Multipurpose and developed strategies to increase customer engagement.
- Strategies involved engaging students in events, gaming, improving transport support and small incentives with the involvement of existing businesses.
- Upon implementation, student footfall at Easton mall is expected to increase by 25%.

Office Of Distance Education, Columbus, OH

Office Assistant/Website Designer

October 2021-Present

- Data tracking, research, and analysis of student enrolments and course offerings for Big 10 schools.
- Enhancing websites by adding additional resources and editing multimedia contents.
- Technical support to office assistance tasks including data cleaning, importing, and processing.

PROJECTS

Web Scraper

- Built a web-scraper using BeautifulSoup to scrape up-to-date prices of Cryptocurrencies from a website.
- Analysed data from CoinMarketCap.com and extracted top 10 crypto currencies based on their growth rate.

Personal Portfolio

- Developed my personal portfolio using front-end libraries.
- Implemented a responsive design using fundamental layout concepts.

Tag Cloud Generator

- Created a tag cloud generator in Java that reads in a text file and generates an HTML file formatted using a CSS file. Tag cloud contains a user-specified number of words in alphabetical order with font sizes proportional to each word's number of occurrences in the input file.
- Employed defensive programming techniques such as input validation and error handling.

AWARDS AND LEADERSHIP

OSU Table Tennis Team B **Captain**, Buckeye Table Tennis Club

Coach and mentor general club members learning table tennis.

Competitive Programming Club, OSU Engineer's Council

Attended the **ICPC NAQ** coding competition, understood solutions to problems.

Head-Boy/President of Student Council in High School, 2019.

Hackathons attended – Hack/IO, Data Fest I/O.