Pranav Khismatrao

Boston, MA • 8576931743 • khismatrao.p@northeastern.edu • linkedin.com/in/pranavkhismatrao/

Education

Master of Science, Software Engineering Systems   Expected Oct 2024
Northeastern University, Boston, MA   GPA:3.7/4.0
          Relevant Courses: Object Oriented Design (Java)(Grade- A)

Bachelor of Engineering, Information Technology   Oct 2020
Mumbai University, India
          Relevant Courses: Data Structures Algorithms, Database Management, Cloud Computing

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Profile

Motivated and dedicated Research Assistant with a strong passion for climate change communication and public engagement. Seeking a position at the Creative Climate Lab to contribute to interdisciplinary research activities aimed at promoting climate science education, adaptation, and environmental justice activism..

Skills

- Proficient in research methods and data analysis using various software and tools
- Excellent communication and interpersonal skills for effective collaboration and teamwork
- Strong attention to detail and ability to organize and manage multiple projects simultaneously
- Knowledge of academic writing and publishing processes
- Experience in MS Office Software tools

Professional Experience

Tata Consultancy Services, Mumbai, India   **Jan 2021 - Jul 2022**
Assistant Engineer
- Accomplished 6 months of training held by TCS with course content including C# language, and MVC framework
- Supported Research and Development efforts to create new products and processes.
- Prepared and demonstrated Presentations to client explaining solution approach with tech stack clarified
- Recorded data and maintained source documentation following good documentation practices
- Consistent understanding of given project of new technologies to become an expert till certain level to perform necessary research and analytical activities.

Sudesi Infotech, India   **October 2019**
Customer Service Intern
- Used Microsoft Office tools to track customer experiences, communication, and marketing efforts.
- Actively worked to present a polite and sympathetic demeanor to clients.
- Assisted with various research projects and administrative tasks
- Conducted data entry and analysis using Excel and other software

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Academic Research Paper

Phishing Inspector   **May 2020 - Sept 2020**
- Researched more than 30 research papers consisting of similar domain and topic to analyze and propose better solution
- Documented the data, algorithm and references following publishing paper documentation practices and format
- Built a web browser extension that can identify phishing websites in response to the issue that many internet users encounter
- Tested on a dataset of over 10,000 websites, including both legitimate and phishing sites, and achieved an accuracy rate of 97.5%
- Utilized machine learning algorithms to analyze various characteristics of phishing websites, such as URL length, domain age, and SSL certificate validity, to identify potential phishing attempts
- Suggested future research directions, such as exploring the use of Phishing-Inspector to analyze the social engineering techniques used in phishing attacks and to analyze the effectiveness of the application in real-world settings