

Nisarga Patil

Email : nisargapatil1@gmail.com | 413-404-5046 | LinkedIn : linkedin.com/in/nisargap/

EDUCATION

08/18 – 05/22	UNIVERSITY OF MASSACHUSETTS AMHERST B.S. in Computer Science and Economics <ul style="list-style-type: none">Received Chancellor's Award Scholarship of \$14,000/year, Dean's ListCoursework: Data Structures, Computer Systems, Database Management, Discrete Mathematics, Algorithms Programming Methodology, Artificial Intelligence, Statistics, NLP, Web Programming, HCI	Amherst, MA
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WORK EXPERIENCE

08/21 – Present	Resident Assistant University of Massachusetts, Amherst <ul style="list-style-type: none">Worked on community development, student learning initiatives, and incident responseManaged a floor of student residents and support them through their college journey	Amherst, MA
05/21 – 08/21	Software Engineering Intern Pegasystems Inc. <ul style="list-style-type: none">Collaborated on a scrum team of 10 to deliver solutions and frameworks for the new Pega platform releaseWorked with UI/UX Designer and Product Manager to develop and enhance product features for the end userContributed to defining scope of user stories and bi-weekly product demonstrations with prod eng teamsReceived certification as a Pega System Architect and participated in the Intern Hackathon to design ESG Program	Salem, NH
02/21 – Present	Peer Advisor College of Information and Computer Sciences, UMass Amherst <ul style="list-style-type: none">Provided academic advising to Computer Science students	Amherst, MA
02/21 – 05/21	Undergraduate Course Assistant College of Information and Computer Sciences, UMass Amherst <ul style="list-style-type: none">Assisted in the CS 119: Intro to programming w/ Python course	Amherst, MA

SKILLS

- **Programming** : Java, JavaScript, Python, C, HTML, CSS, Node.JS, LaTeX
- **Databases** : MySQL, PostgreSQL, NoSQL
- **Development and Tools**: Git, Unit Testing, Agile, Scrum, BitBucket, Jira, Figma

TECHNICAL LEADERSHIP

06/21 – Present	Assistant Director Hack(H)er413 2022 <ul style="list-style-type: none">Worked with the Director to lead the organizing team and plan a hybrid event in 2022	Amherst, MA
09/20 – 03/21	Head of Social Media Hack(H)er413 2021 <ul style="list-style-type: none">Organized a virtual hackathon and manage social media presence on Instagram, Facebook, LinkedIn, TwitterImproved engagement by +243.8% profile visits, +1,533.3% website taps, and +130.4% impressions	Amherst, MA
07/20 – 02/21	Organizing Committee Member Voices of Data Science 2021 <ul style="list-style-type: none">Organized an inaugural conference in Data Science for women (cis and trans) and non-binary studentsHad 500+ registrations, 6 speakers, 9 panelists, and 8 industry sponsors over a 2-day virtual event	Amherst, MA

ACADEMIC PROJECTS

- **Math Bot** : Implemented a network client that communicates to a remote server and solves a series of simple math problems that the server responds with using network system calls and TCP stream sockets in C
- **Data Wrangling with JSON** : Developed a class to support a fluent design pattern that filters a large dataset in JSON format and allows complex chained queries with specific constraints in JavaScript

VOLUNTEERING EXPERIENCE

12/20 – 02/21	Undergraduate Research Volunteer , College of Information and Computer Sciences, UMass Amherst <ul style="list-style-type: none">Participated in a winter research program to perform collaborative research in graph theory	
09/20 – Present	CARE (Committee on Anti-Racism and Equity) Volunteer , UMass Amherst <ul style="list-style-type: none">Addressed the racism in academia and work towards building an inclusive college environment	
07/20 – 08/20	Embassy of India Student Hub Summer Program Volunteer , Washington D.C. <ul style="list-style-type: none">Created a remote women's leadership program to promote women empowerment during the COVID-19 pandemic	

CONFERENCES

- **Virtual Grace Hopper Celebration** Women in Computing Conference **2020, 2021**
- **Rewriting The Code** Virtual Career Summit **2021**
- **CMD-IT/ACM Richard Tapia Celebration** of Diversity in Computing Conference **2021**