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| **Aadit Bhatia**  [aaditbhatia@dumass.edu](mailto:aaditbhatia@dumass.edu) | linkedin.com/in/aaditbhatia/|(413) 612-7050, +91 9354437804| https://github.com/AaditBhatia | | |
| |  |  |  | | --- | --- | --- | | **Education** | | | | **Amherst, Massachusetts** | **University of Massachusetts Amherst** | **Expected Graduation: May 2024** | | * B.S. in Computer Science |College of Information and Computer Science|College of Natural Sciences(Physics minor)|Commonwealth Honors College| GPA: 4.0 * Integrated Concentration in Science Program Scholar | Renewable Energy and Biosystems Specialization * Relevant Coursework: Problem Solving with Java, Calculus II, Data Science for Good, Python and Django Full Stack Web Developer Bootcamp (Udemy), Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning(Coursera),Convolutional Neural Networks in Tensorflow(Coursera) * Honors: Dean’s List, Chancellor’s Award | | |   **Professional experience**  **Undergrad Research Volunteer University of Massachusetts Amherst May - July 2021**   * Gained Research Experience in the UMass Amherst Cryptography lab * Worked under PhD student Nikki Sigurdson where we assisted her in her ongoing projects. Our goal was to test whether functions on huge groups possess the homomorphic property. Understood the fundamentals of group theory, complexity theory as used in cryptographical work,and approximation algorithms   **Undergrad Research Volunteer University of Massachusetts Amherst May 2021-present**   * Worked in the UMass Amherst Data Systems Group under assistant professor Marco Serafini and a PhD student. * Implemented Machine Learning on Graphs using the Deep Graph Library. Performed hands on programming tasks such as constructing weighted graphs, performing different varieties of walks such as uniform random walk and deep walk using frontiers. | | |
| **Marketing Intern** | **Total Solutions Group** | June - Sept 2020 |
| * Cultivated knowledge about relevant business re-engineering, brand development & go-to-market strategies * Collaborated with 9 team members to spearhead data collection in order to increase the number of small business sellers on Amazon by 8; received Best Team award for our efficient results. This helped Amazon, as well as local Indian businessmen. | | |
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| **Web-Dev Intern** | **Good Times Television** | **May - June 2018** |
| * Designed versatile templates in HTML, CSS and Bootstrap to create a library of gaming interface designs * Collaborated on ideations to promote website & TV channel using hands-on marketing strategies | | |
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| **Projects** | | |
| * **Recursive Auto-encoders(March -May 2021):** Worked with the UMass ACM Machine Learning Club where we used Pytorch to enhance Recursive Auto-encoders using ML algorithms. * **AutoNation Bot-** Worked with a team in the Shell Hack Hackathon to create an Automated SMS chat bot. We used Amazon Lex to guide a user into choosing different options. The bot integrated with Twilio to receive and send text messages * **Recursive Linked-List:** Using generic classes to implement interfaces, fulfilling the contract it specifies (including Big O() behavior and an Iterable implementation. * **Connect four**- Made a connect-four game using JQuery, HTML and CSS, Bootstrap and JavaScript. * **AaditBhatia.com**-working on a portfolio website and blog using React JS for front-end and Node JS for back-end development | | |
| **Skills-** | | |
| * C++, Java, Python, C * Pytorch, Tensorflow * HTML and CSS, JavaScript, React JS | | |
| **Leadership-** | | |
| * Supplemental Instructions leader for CS187- Using Data Structures * Chess Team Captain (2013-2019), Volunteered at the Challengers Chess Club, Event Coordinator at the UMass Chess Club, represented India in the Commonwealth Chess Championship, Asian School Chess Championship. Won the Cleveland Open 2021 and the 2021 Philadelphia Open. * Member of the UMass Cyber security club, UMass ACM Machine Learning Club, Isenberg Investment Club and the UMass Product Management Club. * Member of the Swiss Innovation Camp, where I visited the CERN labs. The Swiss Innovation Camp engaged participants in the field of research in biotechnology, life sciences and sustainable development. | | |