

## EDUCATION

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### University of Massachusetts, Amherst

Sept. 2016 – May 2020

Candidate for **Bachelor of Computer Science and Mathematics (Major GPA 3.65/4.00)**

(expected)

- Awarded the Chancellors Scholarship for AY2016/20 for outstanding academic, co-curricular and community service record
- Awarded Dean's List Fall 2018 for exceptional academic achievement

### Microsoft Professional Program Certificate for Data Science

Jan. 2019 – Dec. 2019

(expected)

## SKILLS

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**Programming Languages** – Python (NumPy), JavaScript (D3), MySQL, Excel, Power BI, MATLAB, Java, HTML, CSS, Git, C, LaTeX

**Relevant Courses** – Data Visualization, Probability theory, Data Analysis and Statistics, Reasoning under Uncertainty, Linear Algebra, Data Structures and Algorithms, Intro to Algorithms, Intro to Scientific Computing, Applications of Scientific Computing (MATLAB), Multivariable Calculus, Computer Systems Principles, Programming Methodologies, Computational Mathematics, Intro to Data Science (Online), Analyzing and Visualizing Data with Power BI (online), Analytics Storytelling for Impact (online)

## WORK EXPERIENCE

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### NationsRoot Inc

Digital Marketing Intern

May 2018 – August 2018

- Worked on implementing and improved user experience UI and gave an idea on improving SEO
- Redesigned the existing website design, Improved the search user experience with zip code
- Worked on debugging fixing html/CSS changes for the website and also worked on interoperability verbs issues
- Created a content sharing schedule on Twitter, Facebook and made YouTube videos that resulted in a 10% growth in follower count
- Created YouTube videos and written a script and content of the website

## PROJECTS

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### Hotel reservation and rental vehicle

- Developed using MySQL for maintaining the database through PhpMyAdmin in the back end, and Java for designing the front end
- Created Swing applications using Java and used Jframes to include buttons, text fields

### Math Bot

- Networking client that will connect to a remote server and interact with it using network socket this allows to interact with the transport layer of the stack, implemented using Python

### Basic Calculator

- Created in both Python as well as Java, it makes the calculation easier and also Through NetBeans added GUI effect used Jframes to include buttons, text fields

### Notepad

- Developed using Java with the help of NetBeans, person can access 3-4 or more files at a time and had many more features which is not included in normal notepad

### Personal website

- Using HTML, CSS and JavaScript, currently working on personal website which demonstrate my personal and professional profile including with my GitHub and LinkedIn

## CO – CURRICULAR ACTIVITIES

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- Active member of **ACM (CS), Cyber Security, Entrepreneurship, Marketing, Math, Chess, Swimming and Badminton Club**
- **Microsoft certificate** in HTML and CSS
- Grader at Umass for Math 233 (Calculus 3), spring 2019
- Group project and presentation based on Differential equations using LaTeX
- Member of chess group- I was the champion of the day