

Aditya Sinha

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EDUCATION

Master of Science in Business Analytics (STEM) | Boston University Questrom School of Business; Boston, MA May-2022
Scholarships: Dean's Merit Scholarship | GPA: 4.0/4.0

Bachelor of Science in Computer Science and Mathematics | North Dakota State University; Fargo, ND May-2018
GPA: 3.95/4.0 (Summa Cum Laude)
Scholarships: Microsoft Scholarship, Junior-Senior Scholarship, Global Diversity Scholarship, Math and CS Departmental Scholarships

PROFESSIONAL EXPERIENCE

Senior Software Developer October-2020 to June-2021
Software Developer II December-2019 to October-2020
Border States Electric Fargo, ND

- As a scrum master led the delivery of all sprints, facilitated daily stand up, and interaction with product owner.
- Developed and launched Border States B2B e-commerce solution build with Java, Spring Boot, and SAP Hybris.
- Recruited, trained, and mentored junior and outsourced software developers across the world.
- Developed features such as Financial Self Service that processes ~\$1 million transactions per month.
- Developed microservices, followed domain driven design, and implemented branching and deployment strategy.

Software Developer June-2018 to November-2019
Allegiance Group Fargo, ND

- Built Allegiance CRM software using C# .Net Core and Angular (Typescript).
- Integrated allegiance software with MailChimp and Salesforce.
- Wrote integration tests with Auto-Regress database, unit tests, and API tests.
- Created CI/CD process with Azure DevOps.
- Developed WordPress plugin for integrating company software solution with WordPress sites.

IT/Software Intern May-2017 to May-2018
North Dakota Department of Transportation Fargo, ND

- Designed and built complex SQL databases with Stored Procedures, Functions, and Triggers.
- Developed an online classes registration and grading system using React and C# with MSSQL database.
- Built asset management software GRIT using Google-Maps API, web-sockets, React and Node.JS.
- Developed Impaired-Drivers-Task-Force software to track and clear DUI offenders.

Web Editor May-2016 to September-2017
The Spectrum – NDSU Newspaper Fargo, ND

- Designed and developed user-friendly website, including search engine optimized page that increased user clicks.
- Trained staff members in internal web functions, including steps on how to independently make minor updates or changes.
- Designed processes for database and website cleanup and performance improvement.

Web Developer August-2015 to May-2018
KNDS – NDSU Radio Station Fargo, ND

- Redesigned and implemented new website with WordPress and custom-made radio CMS.
- Devised back-end database storage system and dynamic web pages for the radio CMS using JavaScript, PHP, and MySQL.
- Assisted in organizing Annual KNDS Block Party attended by ~250 people.

Teaching Assistant August-2015 to August-2017
NDSU Mathematics Department Fargo, ND

- Teaching assistant to classes (College Algebra, Trigonometry, Precalculus) of over 100 students.
- Execution of twice weekly lab session with 30 students and held office hours to ensure students understood course concepts.

PROJECTS

IBM Data Science Capstone - Recommendation System to Start a Restaurant Business in NYC June-2021

- Web Scraping - Wikipedia and Foursquare-API, Python libraries with one hot encoding/K-Mean clustering for statistical analysis.

Blue Cross Blue Shield - Telehealth Web Application using PHP, JavaScript, MySQL and WebRTC; Fargo, ND Spring-2018

Mathematics Capstone - Brownian Motion Calculus and Analyze its application in the Financial Mathematics Spring-2017

SKILLS

Technical Skills: JavaScript, Typescript, C#, Java, Kotlin, SQL, Python, Angular, ASP.NET Core, Node.js, Spring Boot, SAP Hybris, Azure

Certification: IBM Data Science Specialization, Microsoft DevOps, NDSU Cybersecurity, CRLA Level-1, Universal Leaders Program

Leadership/ Volunteering: Theta Chi, Blue Key Honor Society, Order of Omega Honor Society, NDSU Global Outreach Ambassador