

SAKSHI SINGH

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EDUCATION

University of North Carolina at Charlotte, Charlotte NC

May 2021

Early Entry Masters in Information Technology

GPA: 3.6/4.0

- **Relevant Coursework:** Advanced Programming, Project Management, Knowledge Discovery in Databases

Bachelor of Science in Computer Science, concentration in Software Engineering

May 2020

Minor: Mathematics

GPA: 3.4/4.0

- **Relevant Coursework:** Data Structures and algorithms, Web App Design and Development, Network Based Application Development, Project Management, Software Engineering, Database Design and Implementation

Honors: Deans List: Fall 2017, Fall 2018, Spring 2019, Fall 2019, Spring 2020

Awards: Recipient of STARS-IGNITE scholarship, a \$1500 travel award to a professional tech conference: June 2019

SKILLS

Bilingual in Hindi and English | Competent in Java, JavaScript, C++, Ruby, T-SQL, MongoDB, Databases | Familiar with MVC architecture, GitHub | Competent with C++ object trees, nodes, and search algorithms | Certification – AWS Database Offerings

RELEVANT EXPERIENCE

IT Internship, Pollynation Apothecary

March 2020

- Brainstormed ideas for health and beauty business website. Update and edit business website banners through WordPress

College Profiles, Rewrite your summer

July 2020 – August 2020

- Collected and aggregated data at the college level. Built views to allow students to identify other RTC members and alumni from their own universities

Network Based Application, UNC Charlotte

August 2019 - December 2019

- Created Node.js application using Model View Controller (MVC) Model. Used sessions and database to maintain state and persist data in application

Web Based Application, UNC Charlotte

February 2019 – April 2019

- Built an application for users to share and read inspiring stories. Provided interactivity by implementing jQuery plugins, jQuery UI widgets and AJAX

Linked Binary Search Tree, UNC Charlotte

April 2018

- Completed Linked Binary Search Tree implementation for different classes. Created high coverage test cases for testing methods using Java

Linked Linear Nodes, UNC Charlotte

March 2018

- Created objects stored in a collection that maintains alphabetically sorted order using nodes in Java

ADDITIONAL EXPERIENCE

CCI Mentorship Program, UNC Charlotte

August 2019 – Present

Assistant

- Organize logistics for NorthState CCI Mentorship Program focused on increasing gender equity in Computer Science.
- Help co-lead NorthState CCI course; model positive and inclusive behavior and serve as a mentor for undergraduate women
- Actively attend and help assist with various mentoring and other college-wide events.

RESEARCH AND PRESENTATIONS

Studying the Impact of Mentorship Program at UNC Charlotte:

January 2020 – June 2020

- Organized qualitative study to understand experiences of transfer students of a mentoring program.
- Conducted literature review, data collection, data analysis and discussion; created report with guidance from faculty

Fleurix Conference Attendee and Presenter:

March 2020

March 2020

- Speaker; We are the Future of Computing: UNC Charlotte Women in Tech

Tapia Conference Attendee:

September 2019

- Developed post-conference workshop to educate non-tech female college students about computing basics

LEADERSHIP/VOLUNTEER EXPERIENCE

Association for Computing Machinery – UNC Charlotte

August 2019 – Present

Executive Board - Communications Chair

- Provide support on advancing women studying technology.
- Organize social events and coding time for students; drive updates to social media platforms with announcements

College of Computing and Informatics Mentorship program, UNC Charlotte

January 2019-Present

Mentee

- Benefit from personalized, one on one support from an experienced professional.
- Increase networking between industry professionals and develop interview skills through conducted interviews