SREYA NAGUMALLA

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EDUCATION

Bachelor's in Computer Science (Sophomore, GPA: 3.62) **Graduation: May 2023**
The University of Texas at Dallas, Richardson
Relevant Coursework: Programming Fundamentals (C++), Computer Science II (OOPs Concepts in Java), Discrete Mathematics for Computing II, Computer Architecture

TECHNICAL SKILLS

Programming languages: Java, C++, Python, R, SQL, HTML, CSS, JavaScript
Frameworks & Programs: Flutter, Adobe XD, Figma
Other: 3D Modeling using Inventor Software, Advanced knowledge in MS Office (Word, Excel, PowerPoint)

EXPERIENCE

IRC Bot **Sep 2020 – Oct 2020**

- Developed a ChatBot that responds to user commands based on specific keywords in an entered phrase
- Implemented the following API's: (Weather) displays current temp, (IP address), (Random Joke)
- Worked with JSON parsing methods and demonstrated Pircbot on http://webchat.freenode.net/

ACM Projects (Member) **Feb 2020 – Apr 2020**

- Led the front-end part of the project development, worked with a team of 3 other students to develop an application that makes a user's travel experience more convenient
- Designed the UI of various screens including login, itinerary, and the events page
- Assisted the back-end developers with the integration of API's and various screen components
- Learned how to use the Flutter Framework, using the Dart programming language and improved my UI/UX design skills by using Adobe XD

Yale Center for Analytic Sciences (Summer Intern) **July 2018**

- Applied strong math and analysis skills and learned the programming language R
- Used statistical methods and study designs in medical research, wrote programs based on hypothesis testing
- Collaborated with clinical researchers and biostatisticians
- Presented finished project in front of public health professionals

Yale Coding Programs (She Code, Splash, Sprout) **Sep 2016 – Dec 2017**

- Learned about generating art through Artificial Intelligence, Machine Learning, Binary, transistors and logic gates, two's complement, ASCII codes, HTTP protocol, how data is stored and retrieved from databases, asynchronous functions, and designed Mobile and Web Applications (Used HTML, CSS, Python)

HACKATHON

WEHack UTD **Oct 2020**

- Participated in UTD's first virtual hackathon for women, took on J.P Morgan Chase challenge statement to create an application that will help increase the number of women entrepreneurs and small business owners
- Developed a web application that gives female entrepreneurs advice on how to build their personal brand and market themselves, worked with a team of 4 other students

ORGANIZATIONS

Member of Girls Who Code (GWC): Interact with women in tech and meet speakers **Aug 2020 - Present**
Member of Women Who Compute (WWC): Network with other women in CS **Aug 2019 - Present**
Member of Society of Women Engineers (SWE): Professional development workshops **Aug 2019 - Present**

CERTIFICATIONS & AWARDS

JPMorgan Chase & Co. Virtual Experience Program Participant: Learned the basics of Perspective **Aug 2020**
Certification - Programming Fundamentals from Duke University (Coursera) **Aug 2019**
Recipient of Academic Excellence Scholarship for in state Tuition and Tuition waiver **Aug 2019**
FIRST Robotics Competition: District Chairman's Award for First in New England District Hartford Event