

SONAM BENAKATTI

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Education

THE UNIVERSITY OF TEXAS AT AUSTIN, Austin, TX

May 2019

Bachelor of Science in Computer Science

- **GPA:** 3.6 of 4.0 – University Honors Spring 2016
- **RELEVANT COURSEWORK:** Data Structures, Computer Organization and Architecture (In progress), Discrete Math for Computer Science, Statistics & Probability, Operating Systems (Spring 2017)
- **BRIDGING DISCIPLINES PROGRAM:** Certificate in Digital Arts & Media

Skills

Experience in Java, Familiar with HTML/CSS, Bootstrap, Exposure to C, JavaScript, Python

Tools: GitHub

Technical Experience

GOOGLE CODE UNIVERSITY

Mar. 2016 – Aug. 2016

- Collaborated remotely with two students to complete software project culminating in a 3-day summit at Google headquarters in Mountain View, CA
- 5-month virtual program: met twice a month with Google mentor for advice, technical development and mock interviews

GIRLS WHO CODE TEACHER

Jun. 2016 – Aug. 2016

- Led full time 9-week Summer Immersion Program at IBM in Austin, TX
- Taught classroom of 20 high school girls to code using Scratch, Python, HTML/CSS/JavaScript, Arduino

Projects

WIKISEARCH (*Google Code University*)

- Implemented front-end of a mini Wikipedia web crawler using HTML/CSS and connected to back-end using a RESTful server with Jetty & Jersey (Java)

HUFFMAN CODING

- Implemented Huffman coding algorithm (based on frequency of occurrence of data) to compress and decompress files (Java)

SPOTTER (*HackTX*)

- Developed a web application using AngularJS that assists users in finding a workout partner

Community Involvement/Leadership

WOMEN IN COMPUTER SCIENCE ONLINE MEDIA CHAIR

May 2016 - Present

- Engage members and supporters through social media, including profiles on member summer internships and event photos
- Develop website to display information about organization

COMPUTER SCIENCE FIRST-YEAR INTEREST GROUP MENTOR

Jan. 2016 - Present

- Educate and guide 24 freshman in order to provide smooth transition into college
- Conduct a weekly seminar to educate students about the Computer Science major, the College of Natural Sciences, and the resources available to them at the university

UTCS WOMEN OUTREACH

- Encourage admitted female high school seniors to choose computer science at UT Austin
- Work with CS department to make phone calls, send post cards, and host events

ALPHA PHI OMEGA (coeducational service organization)

- Donate time and effort to various causes on the UT campus and in the Austin community