Haarika Somarouthu

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EDUCATION

The University of Texas at Austin, Austin, Texas   **Expected Graduation Date**: May 2020

Bachelor of Science in Computer Science

Relevant Coursework: Introduction to Programming, Foundations of Logical Thought

EXPERIENCE

UTCS, Austin, Texas   July 2016

First Bytes Counselor

- Supervised incoming junior/senior high school girls with coding projects (C++) using Arduino boards
- Monitored campers as a residential assistant

UT Physics Department, Austin, Texas

Research Assistant: Material Physics Lab

- Assisted under Professor Alex Demkov and graduate student Patrick Ponath
- Worked with Gallium Nitride and Silicon – analyzed data output from X-ray Photoelectron Spectroscopy machine

PROJECTS

- Created Android app (TextConnect) using MIT App Inventor for OASIS UT Dallas competition;
    - Network for users to buy/sell used textbooks – saves money and is eco-friendly
    - Check Honors and Awards section
- Created the UT tower out of ASCII characters – length and size of tower varies based on a size constant
    - Java based program

ACTIVITIES & LEADERSHIP

Nach Baliye Dance Team, Austin, Texas   September 2016 - Present

Selected Dancer: Audition process

National Honor Society, Austin, Texas   August 2015 – June 2016

Elected Officer: Student Council Representative

- Organized monthly community service projects for members of the society
- Co-organized Warrior Fest to raise money and awareness for Thirst Project – help build clean water wells for communities in Africa
    - Raised $12,000 – more than any of the previous years

Westwood High School Varsity Tennis, Austin, Texas   August 2012 – June 2016

Girl's team lead (junior year 2014 – 2015)

Team Captain (senior year 2015 – 2016)

- Lead team practices and team gatherings and conveyed information to the team
- Assisted head coach with line-up decisions and team problems

SKILLS

Technical / Computer Skills

- Currently enrolled in CS 312: Introduction to Computer Programming (Java); plan to take CS 311: Discrete Mathematics and CS 314: Data Structures Spring of 2017

Languages: 3 years of Java, 1 year of C++, 3 years of Spanish

HONORS AND AWARDS

- One of top twenty ideas out of hundreds selected to create app for OASIS UT Dallas app competition