Hansika Sundaresan

Irvine, California   Cell: 949-572-9260
Email: Hansika.Sundaresan@UTDallas.edu

LinkedIn: https://www.linkedin.com/in/hansika-sundaresan
Website: https://hansikasundaresan.netlify.app/
GitHub: https://github.com/hansikasundaresan

_____

OBJECTIVE: Grow my knowledge and experience in the technology field and coding languages. Utilize my skills to empower other women to pursue a career in tech through mentorship, encouragement, innovation, and outreach.

EDUCATION
- ***The University of Texas at Dallas**, **B.S. in Computer Science,***   Aug 2019-Anticipated May 2022
  GPA: 4.0   **Major**: *Computer Science*   **Honors:** *Computing Scholars (CS^2) Honors and Collegium V*
  Courses: Honors Data Structures and Algorithms, Honors Prob and Stats in CS, Honors Discrete Math for Computing, Honors Computer Architecture, Org of Programming Lang, Programming in a UNIX environment, Linear Alg, Differential/Integral Calc, Physics- Mechanics and Electromagnetism

TECHNICAL SKILLS
Programming/Scripting Languages: C++/C   Java   Python   HTML5   Flutter/Dart
MIPS   Bootstrap   jQuery   JavaScript   MySQL/SQL   CSS3   Git   R   Keras   TensorFlow
Operating Systems: MacOS   Unix/Linux   Windows
Data Analysis: Power BI   Tableau
Software Applications: Jupyter Notebooks   R Studio   XCode Eclipse Microsoft Suite   VSCode/Visual Studio

PROJECTS
UNIX: Daemon using Inotify for file modification **--** Binary File reading and CDK display **--** Lex, Flex and Bison
C++:   Binary Search Tree (bst made of dictionary words utilized to identify scrambled words from input files) **--** Linked List Phone Book (allows users to add, delete, modify, and view all link list entries) **--** Word Search
Web/Mobile Development: Ladies in Tech Responsive Website (used scripting languages to make mentoring program website) **--** Ingredients to Recipes Mobile App (Flutter/Dart app; limits food waste using leftover ingredients)
Other: Coloring Book(Java) **--** AI Assistant(python) **–** Image Recognition using CNN (Keras, Tensorflow, R; *current*) Quine Program(Assembly) **--**   Euclid's GCD(assembly)   **--**   Covid-19 Dashboard of cases and deaths (Tableau)

CAREER EXPEREINCE
Wells Fargo Technology Intern   Summer 2020
- *Analyzing runtime of processes in servers to determine efficiency and effectiveness of process schedule*

Externship AT&T Learning Academy   Summer 2020
- *Developing workplace skills through videos, live streams, and other interactive presentations*

LEADERSHIP EXPERIENCE
Ladies in Tech Mentoring Program -- *Co-Director and Co-founder program*   2020-current
Women who Compute -- *Outreach Officer*   2020-current
Artificial Intelligence Society -- *Marketing Officer*   2020-current
WEHack (school hackathon) **--** *Industry Coordinator*   2020-current
Society of Women Engineers -- *SWE Conference-Committee Chair Member*   2020-current
El Vaquero (high school newspaper)   2016- May 2019
-*Executive Editor, Managing Editor, Editor, Photographer, Graphic Designer, Writer*

AWARDS AND HONORS
- *Computing Scholars (CS^2) Honors Program*   since Aug 2019
- *Collegium V Interdisciplinary Honors Program*   since Aug 2019
- *UTD:* Academic Excellence Scholar   since Aug 2019
- *UTD Dean's List*   Fall 2019
- *Exploravision-K-12 STEM scholarship competition Honorable Mention*   Feb 2016
- *U-TurnLives: Award of Excellence*   2017
- *India Heritage Awards: Community Service, Visual and Performing Arts*   2019, 2015

VOLUNTEER EXPERIENCE
U-TurnLives   June 2013-Current
-*Packing food for 400 families weekly during Covid-19* **--** *Raised over $3,500 for organization through fundraising* **--** *Managing food distributions during Health Fairs for 1000 patients and 400 volunteers*
National Honors Society   Aug 2016-June 2019
-*Led as Vice President and Activities Manager* **--** *Volunteered 25+ hours per year for nonprofit organizations*
Shrishti School of Performing Arts   July 2015-June 2018
-*Taught junior students new dance pieces*

MEMBERSHIPS
- GalX **--** Entrepreneurship and innovation development   Aug 2019- Dec 2019