**Education: University of Texas at Dallas**

B.S. in **Computer Science** and Minors in **Mathematics** at The University of Texas at Dallas Expected Graduation: May 2021

**Relevant Courses**

Computer Architecture, Discrete Math I, Discrete Math ll, Computer Science I, Computer Science ll, Linear Algebra, Calculus I, Calculus II, Data Structures and Algorithms Analysis, Probability and Statistics in CS, C C++ programing in unix environment, Computer Networks, Org of Programming languages, Digital Logic and. Computer Design

**Projects**

**Smart Camera**, **ACM Projects Jan-March 2018**

A smart camera security system using a **raspberry pi for camera and live feed**, **python(1yr)** for computer vision and the matching algorithm for the images.

**Health system to monitor Asthma patients, Hackrice 7 September 2017**

Worked on **Node Red** a JS framework and deployed on the **IBM Bluemix** platform.

**Self-Printing program, CS 3340(Computer Architecture) Spring 2018**

Used **MIPS(1yr)** to code a self-printing program

**Parking Management, CS 2336(CS II) Fall 2018**

Used **C++(2yrs)** to stimulate a multilevel parking structure with OOP approach

**Activities/Leadership**

* **Volunteer, North Texas Food Bank December 2017**

Sorted over 12,000 lbs of food for distribution in various parts of Texas

* **Indoor Navigation App, Clark Summer Research** **June-August 2018**

Mentored 12 incoming freshmen with **Java(5 yrs.)-Android App,** designing and setup of the project, implementing **Djikstra’s shortest path algorithm** for the map data in **ArcGIS servers.**

* **Undergraduate Teaching Assistant, Multivariable Calculus August 2018-present**

Led weekly problem-solving sessions for 40+ undergraduates each week

* **Freshmen Student Mentor Fall 19-present**

Helped incoming freshmen get used to the comet family by guiding them through academic and extracurricular problem

* Clubs:

**Model United Nations**, Pathways Program **Aug-Dec 2018**

**Association for Computing Machinery**, Member **Aug-Mar 2018**

**Math Club**, Member **Jan-Mar 2018**

**Honors/Awards**

* **AES Distinction Scholarship August 2017**

Full-tuition, $20,000 out of state waiver, $1000/semester stipend.

* **Computing Scholars Honors Program August 2017**Selected from a pool of 1000+ CS freshmen for a 4-yr intensive Computer Science Honors program