

Shishir Jessu

shishir.jessu@utexas.edu

(972)757-1495

github.com/shishirjessu

EDUCATION

University of Texas at Austin

2016-2020

B.S in Computer Science, B.A in Plan II Honors

Coursework: Data Structures, Discrete Math, Multivariable Calculus

EXPERIENCE

Web Developer – The Daily Texan

August 2016 – Present

- Create interactive information exploration tools for The Daily Texan website in Javascript, using data visualization libraries like d3.js and plottable.js
- Update and maintain the Daily Texan homepage and pages for individual staff writers with HTML, CSS, and JavaScript
- Package team members' components into fully-functional interactives with HTML, CSS, and JavaScript

Panel Organizer – Ruffalo Noel Levitz

Summer 2016

- Organized and spoke on a panel aimed at college recruiters with a team at the higher education consulting company Ruffalo Noel Levitz
- Advised recruiters from 200+ universities on best practices for attracting applicants during the RNL Annual Conference

STEM Tutor – Fenprep Tutoring

October – May 2016

- Tutored high school students in Computer Science topics like arrays, inheritance/polymorphism, hash tables, graphs, etc.
- Taught other STEM subjects such as AP Calculus and AP Physics C

PROJECTS

UT Political Organization Explorer

August 2016 – Present

- Developed a program that maps political student organizations at UT to the presidential candidates they support
- Implemented a force-directed graph to display these relationships with d3.js and Tableau

Texas Election Info Lookup

July – August 2016

- Wrote a program that aggregates and displays data about election dates, candidates, and political affiliations in Texas
- Used JavaScript to retrieve and parse JSON data about past and upcoming Texas elections from the FEC Open PI

Java Game – This Means War

April – May 2016

- Implemented a four-player combat-based game with visible movement of players and game objects
- Utilized the JavaFX API to display the movement and damage dealt to players, and Photoshop to create a richly detailed display

SKILLS

Proficient: Java, JavaScript, Git, HTML **Familiar:** CSS, Python

HONORS

- USACO – Silver Division February 2016
- National Speech and Debate Association – National Semifinalist in Congressional Debate June 2014, 2016
- Texas Forensic Association – Top 10 in State in Congressional Debate March 2015, 2016

EXTRACURRICULARS

Natural Sciences Council

September 2016 – Present

- Chosen as one of 19 new members out of 156 applicants
- Write a column for the NSC newspaper, *Catalyst*, distributed to all members of the College of Natural Sciences

Association for Computing and Machinery – Active Member

August 2016 – Present

Mobile Application Development – Active Member

August 2016 – Present