

Mohamed Farah

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EDUCATION

- **University of Houston** Anticipated Graduation: December 2021
Bachelor of Science in Computer Science; GPA: 4.00
 - Relevant Coursework:
 - Computer Science and Programming
 - Introduction to Programming
 - Data Structures and Algorithms
 - Computer Organization and Architecture
 - Operating Systems
- **Lonestar College** Houston, TX
GPA: 3.80 *Jan. 2020 – Dec. 2020*
 - President of the MSA at LSC University Park
 - Member of the Leadership College

EXPERIENCE

- **Texas News Express** Houston, TX
Full Stack Developer Intern *January 2021 - Present*
 - Responsible for updating and maintaining the company's website and database.
 - **TNE 2.0**: Texas News Express 2.0 is a complete refresh for the design of the site.
- Web Developer Intern* *April 2020 - December 2020*
 - Built websites for various businesses associated with Texas News Express.

PROJECT EXPERIENCE

- **Debt Visualizer**: A website that visualizes post-graduation debt for college students using ChartJS. The website won first place for the JP Morgan & Chase "Hack For Social Good" during CodeRED Voyage Hackathon 2020 amongst over 80 other participants.
- **Email Parser**: A bot that automatically parses incoming emails for serial numbers and unique identifiers using AWS S3 and AWS Lambda, then stores the data in DynamoDB. The bot won second place in the 2021 Amazon Web Services (AWS) & HP Bot-A-Thon amongst more than 15 other teams.
- **Fibonacci Code Generator (Socket Programming)**: Used C++, multithreading, and multiprocessing, to produce a fibonacci code generator. The generator creates a new thread for every new fibonacci code that needs to be generated, then the thread sends the code to a server which processes the information and sends it back.

SKILLS

- **Programming Languages**: C++, Javascript, HTML, CSS
- **Libraries**: jQuery, Bootstrap
- **CSS Preprocessors**: SASS
- **Tools**: Amazon Web Services, Git, Github
- **Operating Systems**: Windows, Mac OS, Linux

ACHIEVEMENTS

- First Place Winner - JPMorgan & Chase "Best Hack for Social Good" - CodeRED Voyage Hackathon (2020)
- Second Place Winner - Amazon Web Services (AWS) & HP Bot-A-Thon (2021)