

SHABAB HUSSAIN

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Full-stack software engineer with ~2 years of experience. Proven track record of developing and implementing successful web applications for clients. Looking to bring my skills to companies with global reach.

SKILLS

Bootstrap | CSS3 | Django | Docker | Figma | Flask | Git | HTML5 | JavaScript | Node.js | Python | React | Tailwind CSS

EXPERIENCE

Administrative Assistant, TTUHSC Department of Surgery **June 2020 - August 2020**

Technologies: Matplotlib, NumPy, Pandas, Python, Sublime IDE, Tkinter

- Developed analytic program to evaluate fiscal year data, reducing analysis of ~2,500,000 data cells to ~2 minutes
- Demonstrated program features to ~35 executive leaders during annual business development meeting
- Corresponded with TTUHSC's Department of Obstetrics/Gynecology to discuss how Python could be implemented for their unique needs

Graduate Teaching Assistant, TTUHSC School of Medicine **August 2018 - May 2019**

Technologies: Adobe Captivate, Google Sheets, JavaScript

- Collaborated with faculty to launch interactive learning modules used by ~25% of first-year medical students
- Expanded education curriculum by collaborating with faculty and physicians to develop written protocols for medical student practice on training mannequins
- Coordinated with faculty and fellow teaching assistants to guide medical students in proper dissection technique, achieving an overall evaluation score of ~4.5/5.0
- Organized and led biweekly lecture review sessions for medical students over 9 consecutive months, achieving 50-75% attendance rate

PROJECTS

DocFinder ([GitHub](#) | [Live Site](#)) **Full-Stack Application**

Technologies: Bootstrap, Django, Heroku, PostgreSQL, Python

- Developed full-stack application using Django and PostgreSQL where patients can search for physicians in various locations and specialties
- Implemented user authentication/authorization and registration to improve application security
 - Username: test_member
 - Password: Django2024!

Flasky Chat ([GitHub](#) | [Live Site](#)) **Full-Stack Application**

Technologies: Bootstrap, Flask, Flask-SocketIO, JavaScript, Python

- Developed a real-time chat application using Flask and Flask-SocketIO where users can create chat-rooms or join existing chat-rooms with their unique 4-character code
- Implemented responsive layout using Bootstrap to provide improved mobile experience

Politico Web Scraper ([GitHub](#)) **Console Application**

Technologies: BeautifulSoup, Natural Language Toolkit (NLTK), Python

- Developed a web-scraping tool that collects article information from Politico using BeautifulSoup
- Implemented natural language processing and sentiment analysis to summarize and analyze article information

EDUCATION

Master of Business Administration, Health Organization Management **August 2020**

Texas Tech University Rawls College of Business

GPA: 3.92/4.00

Master of Science, Biomedical Sciences **May 2019**

Texas Tech University Health Sciences Center

GPA: 3.67/4.00

Bachelor of Engineering, Biomedical Engineering **May 2017**

Stony Brook University

GPA: 3.22/4.00