

shamikh hossain

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EDUCATION

Duke University, Durham, NC

August 2016 - May 2020

Trinity College of Arts & Sciences; Coursework: Introduction to Computer Science, Economic Principles

Uplift North Hills Preparatory High School, Dallas, TX; GPA: 3.93/4.00

August 2012 – May 2016

Student Council- Treasurer; Muslim Students Association- Vice-President; Irving TeenCourt Program- Senior Associate Attorney

ACTIVITIES & EXPERIENCE

IT Computer Consultant; Duke Office of Information Technology - [Biology IT Service Desk](#)

September 2016 – Present

- Provide live software and hardware support for professors, graduate students, staff in Biology department, assisting with virus removal, software configuration, network problems, set-up, encryption, imaging; taking measures to protect sensitive lab data
- Write for and manage Biology IT Wiki, online knowledgebase for common Duke software configurations and troubleshooting
- Use ServiceNow platform to assist broader Duke community on wide range of IT issues, work individually and as team to resolve

Auditor; Duke Student Organizational Finance Auditing Committee (SOFC)

September 2016 – Present

- Assist with allocating Duke University's student club funding efficiently by auditing and evaluating various student organizations through analyzing event turnouts, consumption, outcomes, general performance and budgetary matters for auditing committee

Python Developer; Duke Conservation Technology ([DCT](#))

September 2016 – Present

- Working to update current implementation of the MATLAB Computer Vision Toolbox and investigating a possible implementation with a Python library to attempt to track livestock and animals of interest aerially with a UAV (drone) camera

President & Co-Director of Technology; [Model United Nations](#)

August 2015 - May 2016

- Managed all technical aspects of marketing and registration for Model UN conference in Dallas hosting 150 external students
- Developed new conference [website](#) using WordPress, created social media platform and internet presence; new website was discovered by the [United Nations Foundation of America](#), representative offers to help fund conference with scholarship grant
- Supervised 20-officer team for 130+ member club, used Excel to keep track of ~\$11,000 budget, oversaw communications between organization and faculty, designed logos, flyers and proposals, conducted delegate workshops on research/strategy
- Introduced first-ever impartial, merit-based score report process to select delegates for end-of-year international conference

Freelance Web Developer & Graphic Designer

- Currently developing website [Parrot.ly](#), new online language-learning initiative hosting free educational materials and downloads; building log-in and user authentication platform and homepage with Ruby on Rails framework, Bootstrap, etc.
- Utilized WordPress to build [homepage and blog](#) for Young Muslim Experience, religious youth group based in Irving, TX
- Use Squarespace to maintain homepage for [Good Citizens of DFW](#), social and political advocacy group for Muslims in the Dallas Fort-Worth area. Designed official logo for organization, contracted to make official brochure and upkeep website

Content Publisher; [HossTech at YouTube](#)

- Started HossTech, online library of video tutorials on computer software-related tricks and tips, graphic-design, all published on YouTube under Partnership license. Channel has accumulated over 178,000 video views; currently at ~250 subscribers

AWARDS & ADDITIONAL INFORMATION

- ❖ Second-Place Winner of Dallas Muslim Hackathon, built cross-platform Mobile app developed with Ionic framework
- ❖ **Academic:** National AP Scholar 2015, National Merit Commended Scholar 2015, International Baccalaureate Diploma Holder
- ❖ **Service:** Mid-Atlantic ACM Regional Collegiate Programming Contest Volunteer; Irving TeenCourt Program Award 2016
- ❖ **Extracurricular:** Texas University Interscholastic League: Student Congress State Qualifier (2014, 2015), Cross-Examination Debate State Qualifier (2014, 2015); Model United Nations: Ivy League Model UN Conference 2016: Specialized Agency Honorable Mention, North Texas Model Arab League Conference 2014; Outstanding Delegate

SKILLS

Data Science: iPython & Jupyter Notebook (intermediate), NumPy + SciPy + matplotlib + pandas (beginner), R + RStudio (beginner)

Web Technologies: Django, HTML/CSS/JavaScript + Bootstrap, Node.js/Express (beginner), WordPress (experienced)

Programming: Python (proficient), Java (beginner), Git; **General Skills:** Photoshop (intermediate), Excel, FTP, ServiceNow (Proficient)