SHAMIKH HOSSAIN

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shamikh.me | GitHub| LinkedIn |Blog

EDUCATION

Duke University	2016-2020
BS, Computer Science	Major GPA: 4.0/4.0
BS, Economics	

Uplift North Hills Preparatory	2012-2016

IB® Diploma Program Graduate
National AP Scholar

SKILLS

Python (proficient), Java (beginner)

Data Science

iPython & Jupyter Notebook (intermediate)
NumPy + pandas + matplotlib (beginner)
R + RStudio (beginner)

Web Technologies

HTML/CSS/JavaScript + Bootstrap (experienced)
Node.js/Express (beginner), WordPress (familiar)
Frameworks: Django, Flask, Pelican (beginner)

General

Photoshop (intermediate), Excel (experienced),
FTP, ServiceNow (experienced), Git

PAST PROJECTS

Dallas Area Model United Nations

President & Co-Director of Technology | Oct. '15

- Supervised 20 member-team to organize Model UN conference for 150 city high school students, managed ~$11,000 budget
- Developed new conference website in WordPress, site is discovered by UN Foundation of America, school is offered scholarship grant for conference
- Designed logos/flyers, served as liaison to faculty, conducted delegate workshops
- Introduced first-ever impartial, merit-based score report process to properly select delegates for end-of-year conference

EXPERIENCE

Duke Office of Information Technology

IT Computer Consultant | August '16 – Present

- Provide live software/hardware support for professors, students, faculty of Biology Dept.
- Work to protect sensitive lab data, encrypt firmware, remove viruses, assist with software configuration, network issues, set-up, imaging
- Help manage Biology IT Wiki, online knowledge-base for common Duke software configurations
- Use ServiceNow platform to assist broader Duke community on wide range of technical issues

Duke Student Organization Finance (SOFC) Auditing Committee

Auditor | September '16 – Present

- Assist with allocating Duke's organizational funding efficiently by evaluating student organizations and events
- Make analyses of turnouts, consumption, outcomes, and budgetary matters of campus functions to determine optimal usage of resources

Duke Conservation Technology (DCT)

Developer, Animal Tracking Team | Sept. '16–Present

- Partake in new student initiative using technology to tackle ecological and environmental issues
- Helping build new livestock/animal tracking methodology using Unmanned Aerial Vehicle (UAV)
- Working to update current implementation of MATLAB Computer Vision toolbox, investigating possible implementation in Python with OpenCV

Freelance Developer & Publisher

- Content Publisher/Partner at YouTube, maintain online library of tutorials on computer software and graphic design, 178,000+ channel views
- Used front-end technologies (HTML/CSS/JS), WordPress, and Photoshop to create logos and websites for various groups or services

REFERENCES

Sasha Calden, Biology IT Manager, Duke University
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