

Arsh Noor Amin

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Education

Bucknell University

2017 – 2021

BSc. in Computer Engineering, **GPA 3.7 out of 4.0**

Lewisburg, PA

Honors: Dean's List, Davis UWC Scholar, Fremont Scholar.

Relevant Coursework: Software Engineering & Design, Data Structures, Algorithm, Operating Systems Design, Machine Learning, Digital Image Processing.

Experience

Pennsylvania Women's Agricultural Network

Summer 2020

Full-Stack Developer

Lewistown, PA

- Designed and developed classifieds web app for farmers and growers in Pennsylvania using Angular for front-end, and Django for back-end.
- As the sole developer, managed the project using Scrum and provided technical consultancy to help PA-WAgN transition to become a separate entity (previously part of Penn State University).

Diginera LLC

Spring 2020

Full-Stack Engineering Intern

Lewisburg, PA

- Developed parking app using HTML, CSS, JavaScript, and Google Maps API. Designed the front-end User Interface using Adobe XD.
- Engaged directly with client by presenting designs and negotiating app features.

Electrical & Computer Engr. at Bucknell

Summer 2018 & 2019

Undergraduate Researcher

Lewisburg, PA

- Developed a data collection system for workforce at Lewisburg Community Garden to input daily experiences and WordPress blog to write bi-weekly updates based on experiences and interactions.
- Presented results at Engineering and Agriculture Symposiums.

Lewisburg Children's Museum

June 2019 – March 2020

Technical Intern

Lewisburg, PA

- Replace or redesign malfunctioning electrical devices that are part of interactive science exhibits.
- Developed a gravity simulation game as an exhibit using Python and Raspberry Pi.

Skills

Programming Languages:

Python, Java, HTML, CSS, C, JavaScript, TypeScript

Libraries & Frameworks:

Angular, Django, jQuery, NumPy, Bootstrap, Scrum, TensorFlow

Tools & Platforms:

Git, Postman, WordPress, Heroku, Adobe XD, Illustrator, InDesign

Projects

Amulya *Personal*

Story-based drag and drop coding platform for kids in South Asia. Secured \$12,750 in funding through BizPitch, Bucknell's startup competition and the Davis Projects for Peace.

RFETG *Northrop Grumman*

User Interface for an RF Emitter for Northrop Grumman test pilots.

Leadership

International House at Bucknell *House Leader*

Students for Asian Awareness at Bucknell *Vice President of Social Affairs*

Activities

Society of Asian Scientists and Engineers, Bucknell Cycling, Renewable Energy Scholar, International Student Services.