Arsh Noor Amin

✉ arshnoor.amin@bucknell.edu   📞 570-415-9626   🌐 arshnooramin.github.io   in @arshnooramin

Education

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

2017 - 2021
Lewisburg, PA

> **Honors:** Dean's List, Davis UWC Scholar, Fremont Scholar.
>
> **Relevant Coursework:** Software Engineering & Design, Data Structures, Algorithm, Operating Systems Design, Image Processing.

Experience

Pennsylvania Women's Agricultural Network
Full-Stack Developer

Summer 2020
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
Full-Stack Engineering Intern

Spring 2020
Lewisburg, PA

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

Electrical & Computer Engr. at Bucknell
Undergraduate Researcher

Summer 2018 & 2019
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
Technical Intern

June 2019 - March 2020
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 (PyGame) 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, Assana, 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.