

ARSH NOOR AMIN

arshnoor.amin@bucknell.edu | (570) 415-9626 | LinkedIn & GitHub @arshnooramin

EDUCATION

Bucknell University – Lewisburg, PA

May 2021 (Expected Graduation)

Bachelor of Science in Computer Engineering

Overall GPA: **3.6/4.0**, Major GPA: **3.7/4.0**

- Relevant Coursework: Data Structures, Algorithms, Software Engineering and Design, Discrete Math, Signals and Systems Theory, Embedded Systems, Digital System Design, Image Processing.
- Honors: Dean's List Fall 2017 and Spring 2019, The Michael M. and Lillian Fremont Scholar, Shelby Davis United World College Scholar.

United World College of Costa Rica – San José, Costa Rica

August 2015 – May 2017

International Baccalaureate Diploma Programme

TECHNICAL SKILLS

- Technical Skills: Python, Java, Angular, Django, C, HTML/CSS, JavaScript, Git, MATLAB, PCB Design.
- Software and Tools: NI Multisim, NI Ultiboard, MS Office Suite, Adobe Illustrator, Adobe XD

RELEVANT EXPERIENCE

Pennsylvania Women's Agricultural Network (PA-WAgN)

Lewistown, PA

Full-Stack Developer and Technical Intern

Summer 2020

- Designed and developed classifieds web app for farmers and growers in Pennsylvania using Angular (JavaScript/TypeScript, HTML/CSS) for front-end, and Django (Python) 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

Lewisburg, PA

Full-Stack Engineering Intern

January 2020 – May 2020

- 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.

Amulya

Lewisburg, PA

Co-founder

February 2019 – Present

- Design and develop an educational drag and drop coding platform for children in South Asia.
- Secured \$12,750 in funding through BizPitch, Bucknell's "shark-tank" style startup competition by winning the 2nd position (\$2,000), Audience Award (\$250), and Change Maker Award (\$500) and by securing the Davis Projects for Peace Grant (\$10,000).
- Currently incubated at the Small Business Development Center (SBDC) Pennsylvania.

Department of Electrical and Computer Engineering at Bucknell

Lewisburg, PA

Undergraduate Researcher

Summer 2018 and 2019

- 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

Lewisburg, PA

Technology Intern

June 2019 – Present

- 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.

LEADERSHIP & ACTIVITIES

International House at Bucknell – House Leader

January 2019 – May 2020

- Recruited twice the usual number of residents and negotiated the first-ever house upgrade for the international house. Organized monthly events for residents and the general student body.

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

January 2018 – December 2018

- Coordinated communication within club, other student organizations, and Student Government. Organized two campus-wide cultural events for 200+ attendants to promote Asian culture and heritage.