

Abrar Abdullah Arpon

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EDUCATION

Bennington College

Bachelor of Arts in Computer Science and Public Action

Bennington, VT

Aug 2022 – Jun 2026

- Relevant Coursework: Software Product Development, Web Programming, Rust Programming, DSA, Hardware Architecture and Design, Data Science, Statistical Method of Data Analysis, Data Vetting, Software Design, Geographic Information Systems(QGIS), Data Analysis for Health, Well-being, and the Economy, Conflict Resolution and Peacebuilding

SKILLS

Languages: Python, Scratch, Rust, R, JavaScript, C++, SQL, PHP, HTML, CSS

Tools: R Studio, Hex, Apache Superset, MySQL Workbench, Visual Studio, Notepad++, OpenAI API, Flowise, Pycharm, Trello, Slack

EXPERIENCE

Service Desk Technician

Aug 2022 - Dec 2023

Bennington College

Bennington, VT

- Resolved **50+** technical issues per week and created training docs for classroom technologies, student devices, and computer lab setups.
- Collaborated with the IT team to implement new software and hardware solutions, including Mojo helpdesk, Jamf, and Starrez, to improve campus technology infrastructure.

Project Lead, Projects for Peace-2023

Dec 2022 - Aug 2023

AudioCane.com

Remote

- Built the first platform for blind individuals in Bangladesh with a **\$10,000** award—Project for Peace - 2023.
- Developed and led a team of **200+** volunteers to overcome technical and logistical challenges. Accomplished complete project development following Agile methodology with Slack and Trello.

Newman Cox Public Action Fellow

Dec 2024 - Jan 2025

Bennington College

Bennington, VT

- Awarded **\$7,000** to implement secure communication tools including Secure Drop and online resources aimed at enhancing public safety for journalists, activists, and underserved communities.
- Leading initiatives focusing on source protection, field reporting, and online account security, collaborating with experts and local partners to implement effective solutions.

Endeavor Foundation Environmental Action Fellow

Dec 2023 - Mar 2024

Beyond Plastics

Remote

- Developing an educational web hub (view demo at bvc.zizhud.com) for Beyond Plastics, highlighting risks of vinyl chloride, using GIS (QGIS) and data visualization (R-Studio, Hex) tools.
- Leading advocacy platform project for East Palestine, Ohio post train derailment; enhanced awareness and press engagement.

Project Lead, WaterProtector

June 2024 – Present

Bennington College

Bennington, VT

- Leading the development of WaterProtector, a citizen-reporting and monitoring platform for water-related issues, in collaboration with Susan Sgorbati (Director, Center for the Advancement of Public Action) and partners at the University of Vermont.
- Managing project execution, and phased implementation across research, design, and upcoming deployment cycles.
- Overseeing technical development and feature testing for public-facing use.

PROJECTS

MyBallot.info

<https://myballot.info>

- Led the creation of MyBallot.info, a centralized platform providing comprehensive U.S. voter information, including registration checks, polling locations, and ballot details.
- Utilized HTML5, CSS3, JavaScript, and secure API integrations to ensure real-time data accuracy and user data security.
- Currently developing an AI-driven chatbot using Python, Flowise, Huggingface, GPT 4, and Inference API to provide real-time, conversational, and data retrieval access to U.S. election information, pioneering a first-of-its-kind solution.

AudioCane

<https://audiocane.com>

- Created the digital platform catering to blind individuals using WordPress, PHP, HTML, and CSS.
- Seamlessly integrated a dynamic book lending system using Libib's API with streamlined inventory management and efficient book distribution.

AWARDS

Newman and Cox Public Action Fellow

Winter-2024

Endeavor Environmental Action Fellow

Winter-2023

Davis Project For Peace Awardee

Summer-2023

Peter-Ducker Scholar, Bennington College

Fall-2022