Anan Afrida

[aafrida@wesleyan.edu](mailto:aafrida@wesleyan.edu%20)  860-316-9574

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| **CURRENT ADDRESS**  45 Wyllys Avenue  Middletown, Connecticut, USA 06459 | **PERMANENT ADDRESS**  Road 9, Adabor, Mohammadpur  Dhaka, Bangladesh 1209 |

**OBJECTIVE:** Secure an INROADS Internship where I will apply my Computer Science, Data Analysis and leadership skills coupled with a fervent passion for problem-solving to drive company growth and innovation

# EDUCATION:

**Wesleyan University – Middletown, Connecticut Expected Graduation: May 2026**

# Bachelor of Arts in Computer Science and Mathematics / Minor in Data Analysis

**GPA: 3.6/4.0 (Deans Honors List)**

# RELEVANT COURSES:

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| --- | --- | --- |
| * Algorithms and Complexity | * Working with R/SAS | * Applied Data Analysis |

**TECHNICAL/NON-TECHNICAL SKILLS:**

|  |  |  |
| --- | --- | --- |
| * C++/C, Python, JavaScript * GitHub, GitLab, Bash, Shell Script * Codeforces (max. specialist) | * R, SAS, Hanon Hill Cascade * Linux, Windows 7, Windows 10 * Google Maps API | * BonnMotion * Multilingual in English, Bengali, and Hindi |

# PROJECTS:

**US Embassy (Project SheCodes) Coordinator August 2020 – January 2021**

* Grant Recipient of US Embassy $2500 alumni funding for project for raising the number of girls in computer programming
* Led programming events focused on code training, and women in tech motivational speaker series engaging 120 girls
* Spearheaded coding skill development C/C++ workshops and engaging coding contests across fifteen rural areas in Bangladesh

# Google Code-in Contributor December 2017, 2019

* Fulfilled 6 distinct technical tasks for 5 open-source organizations worldwide including JBoss Community and GRASS GIS
* Collaborated with diverse employers and proprietors to comprehend distinct project requirements

# EXPERIENCE:

**Wesleyan University, Middletown, CT Research Assistant January 2023 - Present**

* Research on predicting delay features of mobile network using neural networks supervised by Professor Victoria Manfredi
* Use BonnMotion to generate traces of mobile network and TensorFlow to build RNN models maintained through GitLab
* Analyzed training data through Shell Scripting and Bash programming into Python files to feed towards the models

# Wesleyan University Communications, CT, USA Web Technical Assistant September 2022 – December 2023

* Use WebAIM Wave tool to check site accessibility and set up new sites through communicating between departments
* Built interactive campus map for university by Google Maps API (<https://github.com/ananafrida/wesleyan-campus-map>)
* Use university CMS system and JavaScript, trained on Hannon Hill Cascade, to assist users in website updates and issues

# LEADERSHIP/ORGANIZATIONS:

**Code\_Wes (computer science club) President August 2023 - Present**

* Orchestrated seven dynamic events, fostering meaningful interaction among 150 students and 7 tech industry professionals
* Secured funding for members’ registration and travel expense to Yale Northeast Robotics Colloquium and Shasha AI Seminar

# US Department of States (KL-YES Program) Cultural Ambassador August 2019 - May 2020

* Selected as one of the 29 out of 2600 Bangladeshis based on English proficiency to represent Muslim diversity
* Received PAX Distinguished Leadership award for showcasing cultural slides and events while staying with a host family
* Awarded a full 100% scholarship covering living, travel, and educational expenses

# ACTIVITIES/AWARDS:

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| --- | --- | --- |
| * Bank of America Global Technology Early Insights Forum | Selected Participant | December 2023 |
| * Wesleyan 100% need-based financial aid | Recipient | May 2022 - Present |
| * First-Generation Low-Income Board | Member | August 2022 - Present |
| * Wesleyan Muslim Student Association | Member | August 2022 - Present |
| * Inter Collegiate Programming Contest (ICPC) | Best Rookie Team | October 2023 |