

Anan Afrida

45 Wyllys Ave, Middletown, CT 06459, aafrida@wesleyan.edu, 860-316-9574

LinkedIn: <https://www.linkedin.com/in/ananafrida/>

GitHub: <https://github.com//ananafrida>

WORK EXPERIENCE

Wesleyan University, Research Assistant, CT, USA

January 2023 – Present

- Research on predicting delay features of mobile network using neural network supervised by Prof. Victoria Manfredi
- Using BonnMotion to generate traces of mobile network and TensorFlow to build RNN models

Scientific Computing and Informatics Center, Tutor, Wesleyan University, CT

January 2023 – Present

- Assist students with Computer Science assignments (COMP112, COMP211, and COMP212)

Wesleyan University Communications, Web Technical Assistant, CT, USA

September 2022 - Present

- Edit university website frontend, set up new site areas, and build website templates
- Use University CMS system, trained on Hannon Hill Cascade, to assist users in website updates and issues
- Use WebAIM Wave tool to check site accessibility

Cholpori (HerStory Foundation), Software Engineer, Dhaka, Bangladesh

September 2021 - July 2022

- Wrote HTML, CSS, Typescript, and Java code to build app features for animating 4th-5th graders' education
- Presented code at daily check-ins with graduate students and other team members through Figma and Asana
- Conducted R&D and contributed to version control, followed agile workflow
- Managed “scrums” and implemented software best practices in GitLab

US Embassy (Project SheCodes), Coordinator, Dhaka, Bangladesh

August 2020 - January 2021

- Grant recipient of US Embassy 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

US Department of State, Cultural Ambassador, Renton, WA

August 2019 - April 2020

- Selected as one of the 29 out of 2600 Bangladeshis based on English proficiency
- Participated in “Kennedy Lugar Youth Exchange and Study Program (YES)” while staying with a host family
- Awarded a full 100% scholarship covering living, travel, and educational expenses

SKILLS

Language: TensorFlow, Angular, Java, R, SAS, Python, C++, C, Standard ML (SML), TypeScript, HTML/CSS

General Skills: GitHub, GitLab, Figma, Asana, Cascade, Codeforces Ranking (max. specialist), SEO optimization

EDUCATION

Wesleyan University, Middletown, CT – Bachelor of Arts in Computer Science

May 2026

Rajuk Uttara Model College, Dhaka, Bangladesh

December 2021

Graduated with a GPA 5.00 out of 5.00, Top 1% of graduating class

Renton High School, Renton, WA – International Baccalaureate (IB), Advanced Placement (AP)

July 2020

Bellevue College, Bellevue, WA – General Engineering Physics II

July 2020

PUBLICATIONS

Title: Participating in Harvard-MIT Math Tournament

December 2020

- www.yesprograms.org/stories/participating-in-the-harvard-mit-math-tournament

HONORS AND AWARDS

Finalist at ICPC Algo Queen-The Girls Programming Cup 2023, Online

May 2023

- Ranked 75 out of 217 participants in the preliminary round

Coding Instructor at Stanford Code in Place 2021, Stanford University, CA

April 2021

- Selected as coding instructor to lead a five-week program under the professors of the Computer Science Department
- Taught students from India, Japan, and USA on computer programming in Karel and Python

Workshop for Youth Leaders in English Teaching, Maryland, Washington DC

March 2020

- Selected out of 2500 exchange students worldwide for a US Department of State intensive workshop intended for prospective leaders and English teachers

Google Code-in, Google, CA

December 2017, 2019

- Solved 6 different coding problems for 5 different software companies worldwide

Bangladesh Olympiad in Informatics, Dhaka, Bangladesh

2015 - 2019

- Positioned in top 15 out of 300 participants in the national round (March 2019)
- Solved coding problems in 6 different online judges (OJ) for daily 2 hours in C, C++, and Python