

Arushi Ahmed

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2018-2019 Rewriting the Code Fellow | UMass Amherst Club Swimmer

Education:

University of Massachusetts Amherst, MA

Expected Graduation Date: May 2020

Bachelor of Science in Computer Science, Bachelor of Science in Mathematics, IT Minor

Study Aboard in Dingle Ireland Winter of 2017

Coursework: Data Structures, Computer Systems Principles, Reasoning Under Uncertainty (Statistic), Intro to Computation (Discrete Mathematics), Programming Methodology, Multivariable Calculus, Linear Algebra, Intro to Chemistry I, Intro to Biology I. In Progress: Intro to Algorithms, Intro to Human-Computer Interaction, Operating Systems, Intro to Statistic I, and Intro to Physics I

Employment:

University of Massachusetts Amherst, Computer Assistant

Amherst, MA

Jan 2018 - Present

- Working for UMass Fine Arts Center in the IT department.
- Providing support in productivity software and ensure uptime of technical equipment for department.
- Developing updates to department websites, while meeting design guidelines.

Bright Horizons Family Solutions, HRIS/HR Operations Intern

Watertown, MA

May 2018 – Aug 2018

- Used Google Analytics, Tag Manager, and Data Studio to provide website traffic data and reports to senior management for making business decisions.

- Updated website using HTML, CSS, and JavaScript while meeting design guidelines to improve the user experience.

- Used Cornerstones Data Wizard to upload user data to reduce website upload time from one week to one hour.

Sacred Heart University, Gaming/Network Lab Assistant

Fairfield, CT

Sep 2016 - May 2017

- Maintained and managed the gaming/networking lab for Sacred Heart Computer Science department.
- Supported equipment while performing maintenance of deployments.

Projects:

NEBAF Website: Non-Profit Organization

Mar 2018 - Present

- Redesigned New England Bangladeshi American Foundation website to be more user-friendly.
- Created the front-end design using visual studio and programming languages HTML/HTML5, CSS/CSS3 and JavaScript.
- Outlined specifications while meeting design guidelines.

Hold On Let Me Check My Calendar Website: HackUmass Project

Oct 2018

- Created a website where people can schedule events and know when another people's availability based on metrics.
- Outlined designs specifications for frontend and programming languages in HTML, CSS, and JavaScript
- Helped designed backend designs using Ruby on Rails with PostgreSQL.

Neighborly: Lending a Home, Best Hack for Housing Inequality at SheHacks Boston 2018.

Jan 2018

- Developed an iOS app where people can offer their homes in their community for those in crisis.
- Created the front-end design and application by using XCode and programming language Swift.
- Outlined specification for frontend and backend.

Skills:

Programming Languages: C++, C, Scala, Swift, HTML/HTML5, CSS/CSS3, JavaScript, JQuery, Bootstrap

Software: Adobe Photoshop, Adobe Illustrator, Xcode, Visual Studio, Microsoft Excel, Microsoft PowerPoint, Microsoft Word, Google Docs, Google Analytics, Google Tag Manager, Google Data Studios, and iMovie

Operating Systems: Windows, Mac OS, Linux

Activities/ Volunteering:

Michelle Farnsworth Field Hockey Tournament & Foundation, Co-Founder & Organizer

Aug 2015 - Present

- Started a field hockey tournament in honor of a friend to raise money for the Michelle Farnsworth Scholarship Fund.
- Establishes communication with student-athletes, officials, and volunteers with the organization.
- Develops a schedule using Microsoft Excel software to organize game times and other logistical information.
- Provides information and guidance to high schoolers about the scholarship and encouraged them to apply.

UMass Amherst CS for Women Club, Co-Chair & Past E-board Member

Sep 2017 - Present

- Helps organize events to help grow the women in the CS community.
- Sends out reminders and information to women in the CS community about events coming up.
- Participated in numerous events such as hackathons, WeCode and Grace Hopper Celebration.

New England Bangladeshi American Foundation, Volunteer & Web-Master

May 2014 - Present

Relay for Life Committee, Marketing and Fundraiser Team

Sep 2016 - Present

UMass Changing Health Attitudes + Actions to Recreate Girls Club, Social Committee

Jan 2018 - Present