

# Abir Rahaman

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## EDUCATION

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### Virginia Tech

Blacksburg, VA

*B.S. in Computer Science*

Expected May 2023 Graduation

- **Relevant Coursework:** Data Structures and Algorithms, Computer Organization I & II Computer Systems, Kubernetes Programming, Intermediate Software Design, GUI Programming/Graphics, Formal Languages and Automata, Comparative Languages

### Northern Virginia Community College

Annandale, VA

*A.S. in Computer Science*

Graduated Spring 2021

- **GPA:** 3.7 / 4.0
- **Honors:** Magna Cum Laude, 2020 Dr. Kay K. Haverkamp Memorial Endowed Scholarship Recipient
- **Relevant Coursework:** Software Design and Problem-Solving, Data Structures and Algorithms, Multivariable Calculus, Discrete Math, Linear Algebra

## WORK EXPERIENCE

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### ECS Limited

Chantilly, VA

Software Development Intern

May 2022 – Present

- Wrote ping controllers for various APIs using C#
- Built two react front-end applications using Syncfusion components
- Applications featured API pingging functionality and displayed retrieved information
- Wrote a .NET service cron job to ping APIs on a schedule and retry them automatically in the event of three consecutive failures, with failed pings logged to DataDog
- Created a SQL database table for the applications backends' to fetch the API information from such as its ping URL
- Wrote color coded functionality that was based on each API's connectivity level
- Created new API deployment pipelines with updated methodology in Azure Devops
- Ran and tested newly created pipelines to ensure everything was working as intended before existing pipelines were deleted

## PROJECTS

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### Personal Website

- Created using Jekyll and hosted with GitHub pages
- Includes a brief introduction, current career-related goals, resume, projects, relevant coursework, and contact links
- Tools used: Jekyll, GitHub pages, Markdown, YAML, HTML

## SKILLS & TOOLS

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**Languages:** Java, C#, C, JavaScript/jQuery, SQL, HTML/CSS

**Tools:** Visual Studio, Git, Azure DevOps, DataDog, SQL Server Management, IIS, LaunchDarkly, Docker, Linux

**Frameworks and Libraries:** React, Syncfusion, .NET, Node.js JUnit Testing