Nasser Mughrabi

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Education

University Of Utah | *Bachelor of Computer Science*   *SLC, Utah* | **08/2020 - 12/2023**

Snow College | *Associate of Science*   *Ephraim, Utah* **| 01/2019 - 05/2020**

Skills

Programming Languages: Python, Javascript, C#, Java, C++

Web Development: Django, ASP Core, MySQL, React, HTML, CSS, SASS, Bootstrap, JQuery, AJAX, REST API, Linux, Agile (Scrum), AWS, Git, GitHub

Projects   **www.nassermughrabi.com**

Sorting Algorithms Visualizer   *https://sortingalgos-app.netlify.app*
- Created a visualizer that animates five different sorting algorithms to assist students in understanding these algorithms through visualization.
- Implemented features such as using different colors, and choosing speeds and data lengths.
- Used React framework to build and implement this web application.
- Deployed and hosted using Netlify cloud services with CD through a GitHub repository.

Social Media App   *https://socialme-app.herokuapp.com*
- Developed a social media application that allows users to share and view text.
- Implemented features such as following/unfollowing users and creating and managing personal profiles
- Integrated Django and React frameworks to build this full-stack web application.
- Deployed and hosted the server and database on the Heroku cloud platform.

University of Utah TA Application Portal   *https://34.202.28.113.nip.io/*
- Created a prototype web portal for the University of Utah's School of Computing, allowing students to submit applications for teaching assistant positions.
- Developed frontend with Javascript and jQuery, backend with ASP Core, C#, and MySQL
- Implemented Google login/signup feature to make the login/signup process easier for users.
- Deployed and hosted the server and database using AWS EC2 instance.

Experience

University of Utah | CS *Teacher Assistant*   *SLC, Utah* | 08/2021 - Present
- Worked with students on debugging and running their codes.
- Created 1-3 student assignments upon professor instructions per week.

Snow College | Math *Teacher Assistant*   *Ephraim, Utah* | 05/2019 - 05/2020
- Interpreted efficient problem-solving techniques for students to solve complicated math problems.
- Led a team of 4 TAs to grade 60-70 student assignments per week.