Reis Haleem

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Education

- **The Ohio State University**   Columbus, OH
  B.S. Computer Science   *2016 - 2020*
  - Discrete Structures, Data Structures and Algorithms, Software Components, Software Design, Intro to Low Level Programming

Experience

- **Computer Science Teaching Assistant**   Columbus, OH
  The Ohio State University   *May 2017 - current*
  - Working along with a professor to teach students fundamental Computer Science Principles using Java
  - Important work includes teaching recursion, using structures like Maps and Queues to solve problems, using data structures like BSTs, Heaps, Linked Lists, and using Hashtables to represent Objects like Sets, Maps and Queues
  - Heavily involves working with students and breaking down concepts in ways to better fit their understanding and learning style
  - Responsibilities include grading homeworks and small projects, as well as ensuring students complete lab assignments

- **Engineering Teaching Assistant**   Columbus, OH
  The Ohio State University   *August 2017 - December 2017*
  - Worked as an Undergraduate Teaching Assistant for the Engineering Education Department, specifically helping with the Fundamentals of Engineering class that every freshman engineer takes
  - The main parts of the class included using MATLAB to solve problems, Excel and PowerPoint to organize and present data, and labs to expose students to many disciplines of engineering
  - Responsiblities included working with a team of TAs to split work evenly. This includes grading, office hours, and preparing materials for lab and class

Skills

- **Languages:** Java, HTML/CSS, Python, MATLAB
- **Software/Tools:** Eclipse, MATLAB, Git
- Team Building
- Leadership

Projects

- **Personal Website (reishaleem.com)**
  December 2017 - current
  - Designed a personal website using HTML, CSS, and Bootstrap. The HTML and Bootstrap were used to format the website, while the CSS was used to mainly add different colors and other unique styles to the website. I also used JavaScript scripts to add features such as a typewriter effect and a scrolling animation to the website.

- **Advanced Energy Vehicle (AEV)**
  January 2017 - April 2017
  - Designed an AEV using SolidWorks and Graphic Drawings in a group of 4 members. The AEV traversed a track, stopped at a gate, activated a sensor to open a gate, pick up a piece of cargo with a magnet, and traverse backwards to the beginning of the track. This was coded using Arduino. More information can be found here: https://eed.osu.edu/advanced-energy-vehicle-project.