

# RIZA HASSAN

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## Education

### UNIVERSITY OF WISCONSIN-MADISON

*Bachelor of Science in Computer Science*

- **Relevant course:** Advanced Data Structures, Artificial Intelligence, Database Management Systems(SQL), Discrete Math, Human-Computer Interaction, Machine Organization, Computer Vision

**Madison, Wisconsin**

*May 2021*

### EVERETT COMMUNITY COLLEGE

*Associate in Arts (A.A) Computer Science*

- **CGPA:** 3.84

**Everett, Washington**

*March 2019*

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## Computer/Technology Skills

**Object-Oriented Programming:** Java, C++, C, Python

**Web/Mobile Programming:** JavaScript, HTML+CSS

**Web Frameworks:** VueJS, TailwindCSS

**Graphics:** Adobe Photoshop, Illustrator

**Operating Systems:** Windows, Mac, Linux

**Version Control:** Git, Github

**Others:** Amazon AWS EC2, SQL

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## Relevant Experience

### DoIT Quality Assurance

*Intern*

**Madison, WI**

*September 2020 - Current*

- Collaborate in an agile environment with a team of 4 interns in testing university websites using Cypress to determine potential bugs.
- Update websites components, such as updating the website cookie notification using JavaScript to ensure the cookie notification displays consistently across different departmental websites.
- Improve website performance (slowed by large images) to 30% faster by enabling caches and using CDN such as Jetpack on Wordpress.

### SpeakToUS Student Organization

*Head of the Development team*

**Madison, WI**

*November 2019 - Current*

- Develop a mobile responsive website where users (~10 users/month) can chat anonymously with student agents regarding their mental health situation.
  - Lead the planning, designing, and development of web-related projects assigned to a team of 3 web developers and a graphic designer.
  - Technology used: HTML, TailwindCSS, VueJS, Netlify, Tawk.To
  - URL: <https://speaktous.online>
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## Personal Projects

### COVID-19 Twitter Bot

*Developer*

**Madison, Wisconsin**

*March 2020- April 2020*

- Developed a Twitter bot that will automatically tweet the latest COVID-19 statistics to Twitter users.
- Deployed the project on Amazon AWS EC2 on a Ubuntu server and saved tweet and statistics information on MongoDB.
- Technology used: Python, Amazon AWS, APIs, MongoDB

### UmmaHacks - MuslimNews

*Front-end developer*

- Built a platform that collects all Muslim-related news from around the world into a single web application.
- Collaborated with a hackathon partner on parsing about 200 Muslim-related news (per day) from Bing News Search API
- URL: <https://muslimnews.netlify.app/about>