

AHMED M. KAMRAN

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Education

Colgate University, Hamilton, NY

May 2023

- ❖ **Bachelor of Arts** in Computer Science with a minor in Sociology.
- ❖ **Cumulative GPA:** 3.64/4.00
- ❖ **Honors:** Dean's Award for Academic Excellence in Fall 2019, Fall 2020, and Spring 2021.
- ❖ **Relevant Courses:** Data Structure & Algorithms, Computer Systems, Intro to Web Development.

Technical Skills

HTML, CSS, JavaScript, React, PHP, REST APIs, SQL, Git, Python, Django, Java, C, and R

Work Experience

Teaching Assistant at Girls Who Code

Jun 2022 - Present

- Mentor a class of sixty high school students to develop their HTML, CSS, and JavaScript skills as beginner programmers.
- Design engaging mini projects and code them along with a cohort of students to provide them with hands-on programming experience.
- Manage large Zoom breakout rooms with students, teachers, and volunteer speakers from corporate sponsors to facilitate an engaging virtual learning environment.

Web Developer at Cloud Dancers Foundation

Jun 2021 - Sep 2021

- Developed a responsive website for a non-profit organization called the Cloud Dancers Foundation by utilizing WordPress, HTML/CSS/JavaScript, PHP, Google Analytics, and PayPal to promote and fundraise thousands of dollars for charity.

Computer Science Teaching Assistant at Colgate University

Sep 2020 - Dec 2021

- Empowered students in their Intro to Computing classes to solve their lab problems by providing guidance. Addressed their needs through one-to-one communication and proactively reached out to students who may not be confident about speaking up.

Projects

Croeso - Welsh Travel Review Site

March 2022

- Worked with a team of students taking a web development course in Wales to create a full-stack travel review site to share our excursions during our study abroad program.
- Utilized the Django web framework and an SQL database to rapidly develop an elegant frontend for viewers to explore new locations, CMS for admins to share and manage content, and an authentication system for registered users to leave reviews.

iSyllabi- TIA incubator program at Colgate University

Sep 2020 - May 2021

- Led a team of entrepreneurs in a startup incubation program to create an MVP cross-platform application, using no-code technologies and agile development techniques, that turns a PDF syllabus into a personalized online schedule.

Clubs and Student Organizations

Colgate Coders - Curriculum Developer

- Organized events on campus to promote computer science education. Developed and led workshops on web technologies such as React JS and web hosting using GitHub pages.