

MAYANK AGARWAL

(205) 239-3160 | Tuscaloosa, AL | magariwal@crimson.ua.edu | www.mayank.co

EDUCATION

THE UNIVERSITY OF ALABAMA (Tuscaloosa, AL)
Bachelor of Science in Computer Science, May 2020
GPA: 4.3/4.0 | President's List

TECHNICAL SKILLS

C, C++, C#, Java, Python, Ruby, HTML/CSS, Javascript
Flask, ASP.NET, Middleman, Sharepoint, MS SQL,
PostgreSQL, Azure, AWS, Heroku, Polymer, Firebase

WORK EXPERIENCE

ASSISTANT WEB DEVELOPER, THE UNIVERSITY OF ALABAMA FINANCIAL AFFAIRS I.T. (FALL 2017 - PRESENT)

- Fixed WordPress accessibility issues on all the university websites under Financial Affairs
- Implemented the Human Resources Interview Builder website in ASP.NET using MVC framework
- Work on the reservation system and a payments portal for the Boone Cabin website

PROGRAMMING PROJECTS

- Used Polymer and Firebase to co-create a progressive web app *makeqlink.com* that enables quick file sharing between any pair of devices. (2018)
- Developed a Flask web app *gparesurrection.com* that calculates the user's grade after scanning grading criteria from the course syllabus document (2017)
- Utilized GroupMe bots API to create chat bots written in Python using the Flask framework (2017)
- Made an Android app *Spamzee*. Reached 1000+ downloads on Google Play (2016)
- Recreated own interpretations of games such as *Missile Command*, *Hangman*, and *Breakout*, among others, in different languages (2013-15)
- Served as co-admin of *Blog-Android*. Managed the site, and made an Android app. (2013)

ORGANIZATION AND CLUBS

ARTIFICIAL INTELLIGENCE CLUB (SPRING 2018 - PRESENT)

- Work on machine learning and natural language processing projects on Kaggle
- Create the club's website from scratch in static HTML

ASSOCIATION FOR COMPUTING MACHINERY (FALL 2017 - PRESENT)

- Part of the ACM web team, streamlining the payments system to reduce administrative overhead
 - Create Spring API to access database and automate payment processing
 - Create a Slack bot as a front-end for payment reminders and updating information

THE MALLET ASSEMBLY (FALL 2017 - PRESENT)

- Member of the executive board of The Mallet Assembly, a self-governing honors society
 - Elected as Risk Management chair for Spring 2018
 - Elected Resident Advisor for academic year 2018-2019
- Part of the Assembly's Tech Committee
 - Recreated the Assembly's website in static HTML using the Middleman framework
 - Created a points database and corresponding web app using Microsoft PowerApps

CRIMSON DEFENSE (FALL 2017 - PRESENT)

- Founding member of the University of Alabama's newly formed cybersecurity club
- Maintain the club's website and have it connect to the mailing list using the Google Sheets API