

MALACHI CRAIN

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EDUCATION

Bachelor of Science, May 2025

The University of Alabama, Tuscaloosa, AL

Double Major: Computer Science and Mathematics

GPA: 4.0/4.0

RELEVANT EXPERIENCE

Co-Researcher, February 2022-Present

The University of Alabama, Tuscaloosa, AL

- Develop a Python program to test hypotheses about natural language processing
- Utilize artificial intelligence tools, such as Word2Vec, BERT, and GPT-2, to analyze text
- Sort and compile data, in order to co-write conference presentation

Backend Developer, April 2022

UA Hackathon and Innovation Challenge, Tuscaloosa, AL

- Placed 3rd out of 8+ teams in the Full Stack Development category
- Collaborated with a team of 4 in a competitive, fast-paced environment
- Created a functioning mobile app with React.js and Firebase to display relevant campus resources and decrease search times

ADDITIONAL EXPERIENCE

DoorDash Delivery Driver, May 2022-August 2022

Fort Campbell, KY

- Implemented time management and problem-solving skills to complete deliveries efficiently
- Communicated with customers to increase rapport, achieving a 4.65/5.0 average customer rating over 150+ deliveries

Lifeguard, May 2019-April 2021

DFMWR, Fort Hood, TX

- Contributed to a team of 5+ to maintain facility and serve over 100 patrons, daily
- Cultivated customer service and conflict management skills

Debate Club Member, August 2017-May 2018

Fayetteville, NC

- Developed strong communication and argumentation skills, resulting in a 7-4 record

PRESENTATIONS

Andrew Ash and **Malachi Crain**, "Word Prediction Algorithms and the Analysis of Literary Texts," 35th Annual Science Literature and the Arts Conference, Purdue University, October 8, 2022

AWARDS

College of Arts and Sciences Outstanding Sophomore (October 2022), University of Alabama President's List (December 2021-Present), National Merit Finalist (2021)

VOLUNTEER EXPERIENCE

Killeen Rainbow Rooms (February 2019-April 2020), Event Childcare (2019), World Changers Hurricane Relief in New Jersey (2017), Lelani Mae Horse Rescue (September 2015-April 2018)

SKILLS

JavaScript, Python, C++, Public Speaking, Analyzing Data