

Akli Amrous

(206) 823-4171 | akliamrous2001@gmail.com | github.com/akliamrous

EDUCATION

University of Arizona

Bachelor of Science in Computer Science

GPA: 3.32 / 4.0

Honors: Dean's List

Tucson, AZ

Expected Graduation: May 2024

TECHNICAL SKILLS

Languages / Frameworks / Tools: Python, Java, HTML/CSS, Flask, JavaScript, Git, Heroku

Operating Systems: Windows, Linux

Relevant Courses: CSC 252: Computer Organization, CSC 335: Objected Oriented Programming, CSC 210: Software Development, CSC 245: Introduction to Discrete Structures

EXPERIENCE

University of Arizona Department of Computer Science

Undergraduate Teaching Assistant

Tucson, AZ

Aug. 2021 – Dec. 2021

- In charge of leading weekly supplemental instruction sessions to help students grow in their understanding of the material with attendance of 5 students
- Holding weekly office hours with 10 student attendance for two hours a week to assist students' understanding of course material
- Work with co-teacher assistants to develop supplementary materials and handle class logistics in a timely manner

University of Washington Allen School of Computer Science

Software Engineering Intern

Seattle, WA

May 2021 – Aug. 2021

- Joined the Makeability Lab to work on the Project Sidewalk web application using HTML/CSS, jQuery, JavaScript, and Scala
- Handled development of front-end pages and improved user-interface design, allowing for streamlined access to site features
- Fixed bugs in back-end endpoints and front-end dashboard features

University of Washington Allen School of Computer Science

Research Intern

Seattle, WA

June – Aug 2019

- Utilized the Google Speech API in Python to recognize names within a period of speech, improving response times from 5 seconds to 1.5 seconds
- Created sound data collection protocol for research team to follow
- Published findings in research paper as co-author to SIGCHI

PUBLICATIONS AND PROJECTS

Dhruv Jain, Kelly Mack, **Akli Amrous**, Matt Wright, Steven Goodman, Leah Findlater, Jon Froehlich. *HomeSound: An Iterative Field Deployment of an In-Home Sound Awareness System for Deaf or Hard of Hearing Users. SIGCHI 2020* [Read Here](#)

AkliNews: A News Search Engine: <https://ack-news.herokuapp.com/>

- Developed a web application that uses the News API to gather relevant news articles and aggregate them.
- Technologies used: Flask (Python), HTML/CSS, JavaScript, Heroku

JARJ Player – Podcast Player

- Collaborated with three other students to develop a podcast player that allows users to download podcasts from RSS feeds and control playback. Technologies Used: Java (JavaFX)
- Designed and implemented playback control features, MVC architecture, user interface, and file selection.