

Piam Chittisane

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EDUCATION

University of Arkansas

August 2019 – May 2023

Bachelor of Science in Computer Science, Minor in Mathematics | GPA: 3.873

Fayetteville, AR

- **Relevant Coursework:** Algorithms, Database Management, Software Engineering, Mobile Programming, Computer Networks, Operating Systems

PROJECTS

Distribution Fitting Application | *Kotlin, Jetpack Compose for Desktop, Git/GitHub* August 2022 – April 2023

- Built a desktop application for fitting data to various statistical distributions with the Chi-Squared and Kolmogorov-Smirnov tests
- Built in the MVVM architecture
- Collaborated with a group of five students to make an application for an Industrial Engineer professor at the University of Arkansas
- Implemented the UI and graphing (using Compose Multiplatform and LetsPlot respectively)

Android Calculator | *Kotlin, Android, Git/GitHub*

September 2022

- An Android 8.1+ calculator written in Kotlin with MVP architecture
- Implemented addition, subtraction, multiplication, division, error checking, and BigDecimal calculations using the EvalEx library

Laser Tag Web Interface | *HTML/CSS, JavaScript, Python, Django, PostgreSQL*

January 2022 – April 2022

- Collaborated in a team of four to develop a web application to facilitate the management and scoring of laser tag games through websocket communication
- Implemented storing players in a PostgreSQL database using Django's migration system
- Created the user interface for creating players/assigning teams as well as the scorekeeping screen and the killfeed with HTML/CSS/JavaScript

CERTIFICATIONS/HONORS

J.B. Hunt Hackathon Spring 2022 | 4th Place | *Python, TKInter, Git/GitHub*

April 1st, 2022

- The theme of the event was "Pranks"
- Our team of four created a Python script using TKInter that would mess with the user's computing experience
- Mouse cursors would move on their own, and hardcoded actions (new tabs/windows, loud sounds, video-playing) would occur when certain words/phrases were detected by our keylogger

Julian & Nana Stewart Honors College Fellowship

November 2021 – Present

- One of the four students in the entire cohort of Honors College Fellows to receive this award for academic achievement

Engineering Career Awareness Program (ECAP)

August 2019 – Present

- A nationally recognized competitive program designed to promote the success of underrepresented engineering students.

Honors College Fellowship

August 2019 – November 2021

- One of the 90 incoming freshmen to receive the full ride scholarship

TECHNICAL SKILLS

Languages: Python, HTML/CSS, JavaScript, Java, Kotlin, C++, MySQL

Frameworks: Django, Bootstrap CSS, Jetpack Compose

Developer Tools: Git, VS Code, Linux/Unix