



# JabberJack

## Chatbot

Team Member: [Sara](#), [Jiasheng](#), [Tyler](#), [Gabriel](#)

Faulty Mentor: [Felicity H. Escarzaga](#)

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# Team of JabberJack



Sara Harris

Leader



Jiasheng Yang

Scholar & Assistant Editor



Gabriel Proctor

Recorder & Release Manager



Tyler Zimmerman

Coder & Customer  
Communicator

# Faulty Mentor

❖ [Felicity H. Escarzaga](#)





# Dr. Andy Wang

01



## Biography

Dean of College of Engineering,  
Informatics and Applied Sciences

02

## Research Interest

- ✓ Component-based software development
- ✓ Cyber-physical systems

03

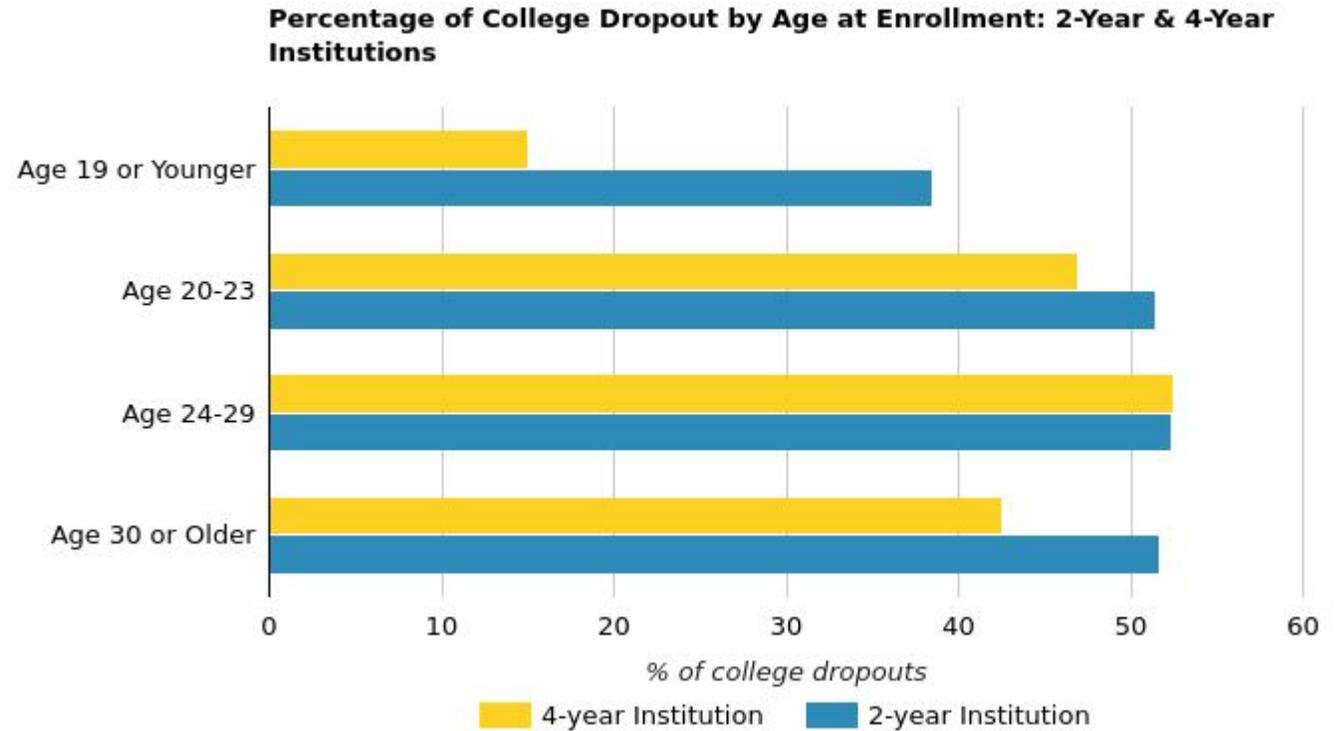
## Responsibilities

- ❖ Increasing student enrollment
- ❖ Inspire students to persevere in the STEM field



# Problem Description

- ❖ Enrollment rates have decreased
- ❖ Dropout rates have increased
- ❖ Due to both the pandemic and various other reasons



How do we encourage people to stay/enroll here at NAU?

# JabberJack

## ChatterJack



# Plan for JabberJack



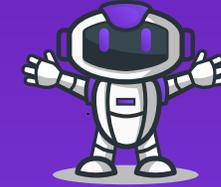
## 01. Requirements Acquisition

- ❖ Client communication
- ❖ Upload the requirements doc to our website



## 02. Technical Investigation

- ❖ Web Programming and Web Server
- ❖ Artificial Intelligence
  - Scrape Information
  - Searching Problem
- ❖ DataBase
  - Questions
  - Answers
- ❖ GUI
  - Interactive interface
- ❖ Voice Recognition
  - Voice-to-text/text-to-voice
- ❖ Robotics Programming
  - Embedded Language
  - VAL, AL, SLIM



## 03. Other Issues

- ❖ The policy of user personal information  
How can we protect it?
- ❖ Survey chatbot (Amazon, Echo Dot )
- ❖ Survey service (Amazon Alexa)
- ❖ Where's the data coming from ?
  - Students ?
  - Parents ?
  - Counselors ?
  - FAQ's ?
- ❖ Gaining access to specific data points



**Get in touch  
with us**

**JabberJack always jabbers**

**“Intelligent brain” for LumberJack**



**@JabberJack**

