

# AYUJ PRASAD

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## Education: University of Wisconsin – Madison

*Bachelor of Science in Computer Science (Technical GPA: 3.88/4.00, Overall GPA: 3.88/4.00)*

*Minor in Digital Studies*

Expected Graduation: May 2022

**Languages:** English, French, Hindi

**Academic Achievements:** Dean's List: Fall 2018, Spring 2019, Fall 2019, Spring 2020

## Technical Skills:

**Languages:** Java, Python, CSS, HTML, C, C++, JavaScript, and JavaFX

**Platforms:** Spring and Node.js

**Framework:** AngularJS, React, and Go

**Databases:** MySQL

## Work Experience:

### Software Engineering Intern, Cloudleaf, San Jose, California

June 2021-September 2021

- Built APIs to read and transform sensor data for the Device Integration Team.
- Created tools to analyse system failures within integration initiatives.
- Learnt Software Engineering best practices from peer team members.
- My projects will be utilized by the company to perform quick data transformation on sensors supplied by a variety of vendors.

### Trainee Intern, PwC, Bangalore, India

June 2020-August 2020

- Conducted a comparative study of Machine Learning Cloud Vendors with specific focus on tools and services and end-user experience. It also covered efficacy of Julia and Go over Python and R.
- The research output is intended to determine the choice of language and Cloud Vendors for future projects by the organization.

### Software & Data Analytic Intern, GE Healthcare, Bangalore, India

June 2019-August 2019

- Assisted in the development and testing of the OnWatch Project – a monitoring system for medical equipment that detects any abnormality, addresses the issue or triggers a part/device replacement.
- This project allowed me to work on the development of a platform for real-time data analytics and machine learning outcomes on connected medical devices.

### Summer Intern at Playment, Bangalore, India

July 2017-August 2017

- Worked on data correction of values on the organization's data files.
- Developed an interface for the organization's web-app.
- Provided feedback and suggested improvements for the organization's data labelling services.

## Notable Projects:

- Social Network Visualizer:** Created a Social Network interface using Java and JavaFX. This purpose of this project was to create an interface that mimicked modern social media networks and their functions.
- Eliza Chatbot:** Recreated the Eliza Chatbot developed at MIT using Java. The User is able to interact with the program with the help of scripts similar to the original Eliza program.
- Weather App:** A simple Weather App built using OpenWeatherMap API that allows the user to get real-time weather details of any State they search.

## Relevant Coursework:

Machine Organization and Programming

Algorithms

Artificial Intelligence

Operating Systems

Discrete Mathematics

C++

Applied Statistics

Computer Graphics

Building User Interfaces

Foundations of Mobile Systems and Applications

## Extra-Curricular Activities:

- Sports** – 1) Coach at UW Boxing Club 2) Represented high school in soccer & cricket
- Volunteering** – Volunteered as an academic teacher and P.E Coach at neighboring elementary school.