Haad Ahmed Cheema

haad736@gmail.com| 515-815-0765 | [LinkedIn](#) | [Handshake](#) | [GitHub](#) | [Personal Website](#)

EDUCATION

Iowa State University   Ames, IA
Bachelor of Computer Science Major(s)   Anticipated: August 2026
Data Science Minor(s)   GPA: (3.35/4.0)

Relevant Coursework

Software Development Practices   Object-Oriented Programming
Construction of User Interfaces   Introduction to Web Programming
Introduction to Data Structures   Introduction to Computer Programming
Introduction to Data Science   Principles of Programming Languages
Introduction to the Design and Analysis of Algorithms   Computer Architecture and Machine-level programming

Technical Skills

Programming: Java, Python, Dart, Flutter, JavaScript, Git, HTML, CSS, Bootstrap, Android Studio, Turtle Graphics Library

Projects

AI Chat Bot – Discord Bot/App   August 2024 – September 2024
Python, PyTorch
- Developed a character-driven AI chatbot, resulting in accurate, context-aware conversation, by collecting and pre-processing over 1300 rows of character-specific data and over 10,000 rows of contextual data from web scraping into a CSV file.
- Achieved a functional conversational model by fine-tuning a GPT-2 model, DialoGPT, improving response accuracy by 20% through iterative training cycles.

Pengu App – Android App (School Project)   January 2024 – May 2024
Java, Android Studio, Springboot
Link
- Deigned a user friendly android app, enabling real-time communication, group chats and scheduling through live calendar.
- Collaborated with a team of 4 to develop the application, achieving 95% user satisfaction rate.

Academic Navigator – Web Application (School Project)   January 2024 – May 2024
JavaScript, React, Node, Express, MySQL
Link
- Developed a web application, implementing to-do lists, event scheduling, and an admin dashboard, improving task completion efficiency by 40%.

Relevant Experience

Iowa State University – Office of Financial Aid   May 2024 – Present
Web Developer   Ames, IA
- Increased user engagement by 15% through optimization of web application using React, PHP, and JavaScript.
- Improved financial planning for 80% of incoming students by developing and maintaining a tool (expense estimator), which became a key resource for budgeting university expenses.

Iowa State University – Computer Science Department   January 2024 – Present
Lead TA (Lead Teaching Assistant)   Ames, IA
- Facilitated a 20% increase in student engagement by conducting structured office hours, providing targeted guidance, and offering tailored assistance on course materials.
- Created an open learning environment that led to a 15% improvement in student satisfaction with course support services.

Leadership & Involvement

Web Development Club   **WWF (World Wide Fund for Nature) Internship**
President   *Team Leader*
- Increased Club membership by 120%.
- Mentored and guided junior members.