

Haad Ahmed Cheema

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EDUCATION

B.S, Computer Science, Iowa State University May 2026

- Relevant Coursework: Software Development Practices, Introduction to Computer Architecture and Machine-Level Programming, Introduction to Design and Analysis of Algorithms, Introduction to Data Structures, Object-oriented Programming, Construction of User Interfaces, Introduction to Computer Programming, Introduction to Data Science, Introduction to Web Programming

SKILLS

Programming Languages	Python, Java, Kotlin, JavaScript, C#, PHP, Dart
Frameworks	React, Node, Express, WordPress, Flutter
Technologies	Visual Studio, IntelliJ, Android Studio, Git

WORK EXPERIENCE

Part-time Full-Stack Web Developer May 2024 — current
Iowa State University - Office of Financial Aid Ames, IA

- Maintained and Implemented new features for the internal website tool using React for the frontend and Laravel for the backend on top of MYSQL, enhancing administrative activities.
- Developed and maintained the expense estimator tool, used by more than 80% incoming students at Iowa State University to budget and estimate their university expenses, significantly enhancing their financial planning.

Lead TA (Teaching Assistant) January 2024 — current
Iowa State University - Department of Computer Science Ames, IA

- Conducted structured office hours, offering targeted support and guidance for computer science classes.
- Fostered an environment that encourages students to seek clarification and assistance with course materials.

Supplemental Instruction Leader August 2023 — December 2023
Iowa State University - Academic Success Center Ames, IA

- Led supplemental instruction (SI) sessions at the university for Object-Oriented Programming, where I helped students engage in a more active and collaborative study environment.
- Utilized my expertise as a successful student of the same course to better guide the students and gamify learning the more complex programming concepts.

PROJECTS

AI Powered Email Assistant (github.com/Haad1000/GmailResponse-Extention) October 2024 — November 2024

- Developed a chrome extension using JavaScript and Gemini API to streamline email responses, reducing email composition time by over 70 - 90% for users. Integrated contextual response generation to ensure relevance and professionalism.
- Implemented a backend in Node.js to securely retrieve email content and interact with the AI API, ensuring seamless processing without storing user data.

Pengu Android App (github.com/Haad1000/Pengu) January 2024 — May 2024

- Developed the frontend using Android Studio (Java) for a multi-user educational platform with distinct interfaces for students, tutors, and admins. Designed key features like session booking, teacher ratings, live chats, and profile management, delivering an engaging user experience.
- Collaborated with the backend team to integrate APIs, enabling seamless real-time features like live chats, session scheduling, user reports, and rating system.

CLUB

President, Web Development Club August 2024 — current