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TANISH VISANAGIRI
COMPUTER SCIENCE AT IOWA STATE UNIVERSITY

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US Citizen

EDUCATION

Ames, IA	**Iowa State University**	**May 2026**

Bachelor of Science in Computer Science, Expected Graduation - May 2026
Current Cumulative GPA: 3.44

EXPERIENCE

Information Technology Services at Iowa State	**Jan 2024 - Onwards**

Data Analyst, Part-Time
- Working on developing Python scripts utilizing the Pandas library to automate the reformatting and compilation of extensive datasets spanning hundreds of Excel sheets. Implemented efficient data processing logic, using Pandas DataFrames for manipulation, parallel processing techniques for optimal performance, and safe error-handling mechanisms.

Reckonsys Tech Labs	**April 2023 - December 2023**

Software Development Analyst, Part-Time
- Understand current trends in the latest technologies and develop a micro-proof of concepts, contributing to the company's marketing activities.
- Collaborating closely with fellow team members, I actively contribute ideas and participate in developing various application components geared toward meeting client expectations and needs.

Reckonsys Tech Labs	**May 2022 - July 2022**

Software Development Intern, Full-Time
- Engaged in on-site Python and Django development, culminating in creating Tunes, a music application similar to Spotify with user-friendly song-liking functionality.
- Immersed in Django documentation, I honed my terminal and Python/Django proficiency.
- Developed additional web apps, including online voting systems, and adeptly managed user authentication and login processes.

RELEVANT COURSEWORK

Object Oriented Programming - COM S 227	Calculus 2 - MATH 166
Data Structures - COM S 228	Matrices and Linear Algebra - MATH 207
Discrete Computational Structures - COM S 230	Probability and Statistics for Computer Science - STAT 330
Software Development Practices - COM S 309	

TECHNICAL PROJECTS

WalletSystem (January 2022).
- Designed and developed an Android application dedicated to accurate budget management. This app allows users to record their financial transactions, including income and expenses effortlessly. It tracks every financial move through analysis and presents a clear and precise overview of savings, displaying financial planning and management.

Agenda (August 2022).
- Designed and developed a web-based to-do list application, leveraging the power of Django, Python, CSS, and HTML. This intuitive platform enables users to effortlessly compile tasks and conveniently mark them as completed once accomplished, enhancing productivity and task management.

Tunes (May 2022).
- Developed a web-based music application utilizing a tech stack comprising Django, Python, CSS, and HTML. This user-friendly platform allows music lovers to manipulate their favorite songs by liking and efficiently organizing them within their libraries.

EchoMind (September 2023).
- Through Python and Gradio, I designed and developed EchoMind—a chatbot integrated with the OpenAI API. This adept conversational application provides precise information across diverse domains, including news updates, historical context, and expert insights.

CERTIFICATIONS

- **University of Michigan** - Python3 Specialization Course - December 2023 - Feb 2024
- **Stanford University** - Machine Learning Course - April 2022 - Feb 2024
- **Hewlett Packard Enterprise** - SWE Internship Forage Virtual Internship - Jan 2024 - Ongoing

ACTIVITIES AND AWARDS

Computers and Software Engineering Club (CSE Club), ISU (September 2022 - Current)
Hack Club, ISU (September 2022 - Current)

Adventure Award - **$25,000** per year (**Highest Scholarship Award** given to **US Citizens** for international students)
Liberal Arts and Sciences Dean's Academic Excellence Award - **$2000** awarded per year for academic achievements

LANGUAGES AND TECHNOLOGIES

Languages: Python, Java, CSS, HTML, Kotlin.
Frameworks and Technologies: Visual Studio Code, Django, Android Studio, Terminal, Git, Gradio, Springboot.