

# Hema Kanoujia

hema.j.kanoujia@gmail.com | linkedin.com/in/hemakanoujia | hemak.vercel.app

## EDUCATION

### University of Central Florida - Orlando, FL

June 2026

*Accelerated Bachelors to Masters in Computer Science*

### University of Central Florida - Orlando, FL

Dec 2024

*Bachelors in Computer Science*

GPA: 3.98

Relevant Courses: Software Engineering, Object Oriented Programming, Operating Systems, Artificial Intelligence, Programming Languages, Bioinformatics

## SKILLS

**Programming Languages:** Python, Java, C/C++, JavaScript, TypeScript, Haskell, C#

**Web Dev:** React, OpenAI, PostgreSQL, Llama, Prisma, ExpressJS, MySQL, Firebase, HTML/CSS

**Frameworks:** NextJS, AWS, Tailwind CSS, NodeJS, Figma, Bootstrap CSS, Material UI

## CERTIFICATIONS

AWS Certified Cloud Practitioner, Microsoft Technology Associate: Software Development Fundamentals (MTA), Python Intermediate, C# Intermediate

## WORK EXPERIENCE

### National Security Innovation Network

Jan 2024 – Dec 2024

*Software Developer*

- Designed the application flow and wireframes using Penpot, and created high-fidelity prototypes in Figma
- Developed front-end with MERN, ensuring CUI and IL4 standards and achieving accessibility compliance
- Led the agile development process with GitHub, boosting the team's efficiency through effective collaboration

### University of Central Florida – Department of Physics

Jan 2024 – May 2024

*Research Assistant*

- Applied AI prompting techniques to generate fallacies on climate change and address research limitations
- Optimized AI-generated problems with GPT and Copilot, improving instructional materials on fallacies
- Developed presentations on climate change fallacies, elevating instructional material quality through analysis

### Citi

Jul 2020

*Women in IT Intern*

- Collaborated with 50+ participants to develop innovative tech solutions, effectively addressing real-life problems
- Applied problem-solving skills to resolve challenges, boosting practical experience and resolution efficiency
- Participated in 20+ workshops and mentorships, acquiring industry standards and latest technologies through project

## PROJECTS

### Gourmet Guide

Aug 2024

*JavaScript, Next.js, Material UI, Firebase*

- Managed project development of an AI chatbot that provides personalized cooking advice and recipe suggestions
- Implemented functionalities chatbot, user interactions, integrated a database for users, and designed an intuitive UI
- Enhanced user engagement through continuous improvements to chatbot functionalities and responsiveness

### MotorEase

Jan 2024 – May 2024

*Python*

- Identified XML snippets of accessibility violations in Android apps, improving the accessibility report usability
- Labeled and displayed interactive elements, ensuring accuracy and streamlining design improvement workflow
- Improved clarity of the accessibility report by making it easier to identify and address violations efficiently

### PetPals

Aug 2023 – Dec 2023

*TypeScript, Next.js, Tailwind CSS, Next-Auth*

- Designed a UI for a dynamic matchmaking algorithm, connecting pets and owners through a swipe-based interface
- Optimized the frontend, enhancing usability and streamlining connections with intuitive functionality and design
- Enhanced engagement with minimalistic UI/UX and intuitive navigation, promoting long-term engagement

## HONORS AND ACTIVITIES

Burnett Honors Scholar • LEAD Scholars • Dean's List/President's Honor Roll • Knights of Distinction • Knight Hacks Girls Who Code • ACM-W • NCWIT • Florida Bright Futures Academic Scholar • Biliteracy Seal • Red Cross