Chhatresh Sehgal

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Wattana, Bangkok, 10110

CAREER OBJECTIVE

Aspiring computer science student with a focus on Artificial Intelligence and Machine Learning, seeking opportunities to apply my knowledge and skills in developing innovative solutions. Eager to contribute to cutting-edge projects and gain practical experience in the field, while continuing to learn and grow in the dynamic landscape of AI and ML.

KEY COMPETENCIES

Languages:	Programming Languages:	Experience with Documentation
English (Fluent)	Java	Proficient in Office Suite
Thai (Beginner)	Python	Experience Dealing with
Hindi (Conversational)	HTML, CSS, PHP	Clients

PERSONAL PROJECTS
https://github.com/Chhat2206

Retro Brick Breaker Game in Java
Developed a Retro Pixel Art Brick Breaker Game using Java, featuring custom sound effects, and animations. Gameplay is enhanced with smooth movement, 10 custom level designs, and unique UI elements. The variety of menus offering an engaging, smooth, variety based and visually beautiful user experience.

Flower Segmentation Image Processing in Python
Developed an algorithm for flower segmentation that handles noise, improves edge detection, that can be used in botany, agriculture, and computer vision applications with around 90% accuracy. Enhanced skills in image processing and segmentation optimization.

Algorithm Creation & Analysis in Java
Developed and implemented two algorithms as part of a comparative analysis project. Enhanced skills in algorithm design, optimization, and empirical performance evaluation. Gained insights into balancing solution quality with computational efficiency and the practical applications of algorithms in solving complex optimization problems.

EDUCATION & CERTIFICATIONS

University of Nottingham
2021 September - 2025 May
Bachelor of Science with Honours Computer Science with Artificial Intelligence

Ekamai International School
2020 June
Medicine Education Diploma

Microsoft Certified: Azure AI Fundamentals
2024 February 25

IELTS Certification: Band Score 7.5
2020 February 13

EXTRACURRICULAR ACTIVITIES

Linux Based Servers, Freelance
Managed Linux-based community servers, gaining skills in handling Java and Linux crashes/issues.

Cinema 4D Modeling, Freelance
Gained experience in Cinema 4D during my younger years, focusing on lighting, rendering, and positioning, scene structure, and others.