

Varun Ritesh Gandhi

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Summary

Ambitious, hardworking Computer Science sophomore with strong academic track record and demonstrated leadership skills, communication skills, and problem-solving skills.

Education

Bachelor of Science in Computer Science

University of Massachusetts Amherst

GPA: 3.968/4.0

Anticipated May 2024

Distinctions: Commonwealth Honors Scholar, Dean's List (All Semesters), Chancellor's Award Scholarship

Organisations: Product Management Club at Umass Amherst

Relevant Coursework: Reasoning Under Uncertainty, Calculus I, Calculus II, Multivariate Calculus, Intro Problem Solving W/Comp, Programming w/Data Structures, Intro/Research in the Discipline, P-Intro C Programming Language

Relevant Projects

Evil Professor

- Created a single player game played against an AI on the "Evil Professor" puzzle using JAVA programming language.

Connect 4

- Built the board game "Connect 4" using double dimensional arrays using JAVA programming language.

Hey, That's my fish!

- Built the board game "Hey, That's my Fish!" using pointers, structs, and Calloc using C programming language.

Undergraduate Research

EARLY RESEARCH SCHOLARS PROGRAM (ERSP)

University of Massachusetts Amherst

- Working on a one-year research project on the Wearable Learning Cloud Platform (WLCP) with Professor Ivon Arroyo.
 - ➔ The Wearable Learning Cloud Platform aims to improve K-12 student education in early computer science and mathematics, through embodied physically active learning and programmatic thinking. Through our platform, students and teachers can both design and play fun interactive games that incorporate math, technology, and physical activity.
- Wrote a research proposal on finding possible solutions for integrating the WLCP for education in Science. Working on a Science game app integrating the WLCP using Kotlin and Android Studio.

Experiences

INTERN | VOLANSYS | MAY 2019

- Underwent an in-house training module on C and JAVA programming languages
- Cleared internal evaluation process

TECH RESILIENCE PROGRAM PARTICIPANT | MICROSOFT | MARCH 2021 – APRIL 2021

- Learnt confidence, problem-solving, interpersonal skills, and belongingness in tech.
- Solved Mathematical and Computational challenges under the guidance of two software engineers at Microsoft as weekly activities.

Skills

- JAVA, Kotlin, C, Python, CSS, HTML, LINUX, Android Studio, Microsoft Excel, PowerPoint, Word, LATEX