

Raditya Harriman

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EDUCATION

Illinois Institute of Technology – Chicago, IL, USA

Expected Graduation May 2024

- Bachelor of Science in Computer Science, GPA: 3.6/4.0
- Scholarships: Robert and Nancy Hoel Scholarship, CEG Scholarship

Peninsula College – Port Angeles, WA, USA

August 2019 – May 2021

- Associate in computer science, GPA: 3.67/4.0

SKILLS

Programming Languages: R, Java, Python, MIPS Assembly Language, Mathematica, OCaml, SQL, HTML and CSS, and C

Languages: English (Fluent), Indonesian (Native)

Certificates: Dean's List

PROFESSIONAL EXPERIENCE

Digby's Detective and Security Agency, Inc – Chicago, IL, USA

May 2022 – Present

Quality Control and Surveillance Services Intern

- Updated 300+ security officers' expiring credentials on TrackTik and have reduced the number down to 80.
- Performed in-depth quality control assessments and subsequently authored comprehensive reports derived from the findings.
- Programming and deploying KnightScope security robot with the functions of monitoring the surrounding areas, detecting movements and thermal, and setting patrol routes which will be deployed at the Illinois Tech campus.
- Remotely monitoring multiple security robot deployed in various cities and produced reports based on the investigations.

Illinois Institute of Technology – Chicago, IL, USA

May 2022 – Present

Student Orientation, Advisement, and Registration (SOAR) Leader and First Year Elevate Mentor

- Proficiently organized social and professional events for first-year students while consistently conducting follow-up interactions to ensure their overall well-being.
- Lead multiple orientation sessions for 400+ incoming students and educate them about campus resources and student life.

Peninsula College – Port Angeles, WA, USA

December 2020 – May 2021

International Student Mentor

- Assisted international students with orientation and adjusting to college life.
- Mentored international students in physics courses, Java programming, and math courses throughout 2 quarters.
- Helped International students with registering for classes during winter and spring 2021 quarters.

ACADEMIC PROJECTS

Student Assist Application – Software Engineering

August 2023 – Present

- Designing a "student assist" application using python's Tkinter module that students and teacher can access to view upcoming due dates, full schedule, discussion boards, and grades.
- Developing comprehensive test cases to validate the functionality and performance of the application.

Social Media Application – Harvard Hackathon (HackHarvard)

October 8th – October 16th

- Utilized Django and SQL to design a feature-rich social media application capable of image posting, friend request management, commenting on posts, and creating a dynamic star map of user-generated content.

Cybergoose – Endpoint Compliance

January 2023 – May 2023

- Collaborated within a team to develop an endpoint compliance application aimed at safeguarding organizational assets by enhancing computer security, striving to establish an application that guarantees endpoint security and adherence to industry benchmarks.
- Developed SQL-based database as the back-end team on AWS RDS server, processing compliance data, and transforming it into graphs for individual checks.
- Showcased the application to a distinguished audience of cybersecurity professionals at the annual Global Cyber Security Initiative (GCIS).

Electronic Vendor Website – Database Organization

December 2021 – January 2022

- Designed a database structure using SQL and connected it with a UI that was built using Python's Tkinter.
- Implemented functions such as discounts, add to cart, add personal information/card, and deals of the day.

Predicting NBA Results – Personal Project

December 2021 – January 2022

- Worked with an alumnus to create a model that predicts the results of upcoming NBA matches.
- Took data of past matches from an NBA website and cleaned it using python, visualized the data to get a better understanding of it and built a prediction model which is later used for predicting upcoming matches. The model had a 50% accuracy.

Assembly Language Calculator – Computer Organization and Assembly Programming

November 2021 – December 2021

- Utilized MIPS assembly language to create a calculator that does arithmetic calculations on top of modulo, factorial, sum, and conversions between hexadecimal, binary, and decimal.

LEADERSHIP EXPERIENCE

Triangle Fraternity, Chicago, Illinois

May 2023 – Present

Vice President of External Affairs

- Cultivated and maintained relationships with the Greek life community, external organizations, and potential sponsors to create a strong public image and facilitate collaborative opportunities.
- Partnered with the university to deliver presentations covering subjects such as health and first aid kits, professional advancement, and campus experience to benefit the fraternity's members.

Aenigma Club, Chicago, Illinois

May 2022 – Present

Events Coordinator

- Initiated and designed an online puzzle/scavenger hunt for a virtual reality promotional event with Meta.
- Built and sustained the club's official website using HTML and CSS coding.