

Raditya Harriman

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EDUCATION

Illinois Institute of Technology

Expected Graduation May 2024

- Bachelor of Science in Computer Science, GPA: 3.6/4.0

Peninsula College, Port Angeles, WA

August 2019 – May 2021

- Associate in computer science, GPA: 3.67/4.0

SKILLS

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

Languages: English (Fluent), Indonesian (Native)

Certificates: Dean's List

PROFESSIONAL EXPERIENCE

Digby's Detective and Security Agency, Inc

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.
- Conduct quality control investigative reviews and create reports based on the investigations.
- Remotely monitored multiple security robot deployed in various areas and produced reports based on the investigations.
- Helped programmed a KnightScope security robot with the functions of monitoring the surrounding areas, detecting movements and thermal, and setting patrol routes.

Illinois Institute of Technology

May 2022 – Present

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

- Contacted students and answered any questions regarding life and academics at Illinois Tech campus.
- Lead multiple orientation sessions for 400+ incoming students and educate them about campus resources and student life.

Peninsula College

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

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.

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.
- Programmed the function in Python to take data of certain players and teams from an NBA website and cleaned the data to be visualized into graphs.

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.

Predicting Survivors – Introduction to Profession

October 2021 – November 2021

- Built a machine learning model using Python that takes data from the given database that was already cleaned.
- Model successfully predicted 78% of the ratio between men, children, and women who survived the Titanic.

LEADERSHIP EXPERIENCE

Triangle Fraternity, Chicago, Illinois

May 2023 – Present

Vice President of External Affairs

- Cultivate and maintain 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.
- Built and sustained the club's official website using HTML and CSS coding.