Raditya Harriman

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EDUCATION

Illinois Institute of Technology, Chicago, IL   **Expected Graduation December 2023**
Bachelor of Science in Computer Science
Scholarships: CEG (Cambridge Education Group) Undergraduate Scholarship

Peninsula College, Port Angeles, WA   **August 2019 – May 2021**
Associates in Computer Science

ACADEMIC PROJECTS

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.
- Calculator could not compute when given an input of a 16-byte binary.

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.

Organizer Program – *Object Oriented Programming*   **April 2020 - May 2020**
- Utilized Java programming language to create a program that takes input of item name, ID, and item price.
- Program takes the input and store them in a data structure to be accessed later on.
- Program is able to compute sum, average, and sort items based on categories.

Predicting NBA Results – *Personal Project*   **December 2021 – January 2022**
- Worked with a senior to create a model that predicts the results of upcoming NBA matches.
- Programmed methods in Python to take data of certain players and teams from an NBA website and removed unused data.
- Visualized data into a graph from data frame in Python.

Electronic Vendor Website – *Database Organization*   **December 2021 – January 2022**
- Used a combination of Python's TKinter and SQLite to create an electronic vendor website.
- Implemented functions such as discounts, add to cart, add personal information/card, and deals of the day.

PROFESSIONAL EXPERIENCE

International Mentor   **December 2020 – May 2021**
International Student Mentor at Peninsula College
- Assisted international students with orientation and fitting in the college life.
- Mentored international students in physics courses, Java programming, and math courses throughout 2 quarters.
- Assisted international students with registering for classes during winter and spring 2021 quarters.

SOAR Leader   **May 2022 – August 2022**
SOAR Leader at Illinois Institute of Technology
- Contacted students and answered their questions regarding life at Illinois Tech campus.
- Lead multiple orientation sessions for up to 140 incoming students and educate them about campus resources and student life.

Quality Control Intern   **May 23, 2022 - Present**
Quality Control Intern at Digby's Detective and Security Agency, Inc
- Updated expiring credentials of security officers on TrackTik.
- Assisted in Quality Control investigative reviews.
- Integrated TrackTik with other application such as Knightscope to improve the process of gathering and manipulating data.

LEADERSHIP EXPERIENCE

International Club   **December 2019 – May 2021**
International Club Secretary at Peninsula College
- Coordinated events for meetings and workshops for members to socialize and learn technical skills.

STEM Club   **May 2020 – January 2021**
STEM Club Secretary at Peninsula College
- Held weekly meetings about STEM related articles where members learned about recent news in the STEM field.

Aenigma Club   **May 2022 – Present**
Aenigma Club Events Coordinator at Illinois Institute of Technology
- Lead and created a web-based puzzle/scavenger hunt for a virtual reality event.

SKILLS

Programming Languages: Java, Python, MIPS Assembly Language, MATLAB, and SQL.
Languages: English, Indonesian.
Volunteering: New Community Outreach (NCO), PAWS Chicago, Holy Name Cathedral Young Adults (HNCYA).