Raditya Harriman

rharriman@hawk.iit.edu • (312) 826-0728 • www.linkedin.com/in/radityaharriman

An international student from Indonesia who is currently looking for an internship to develop and apply skills learned to a computer science role. Eager to learn new software that is related to the given project.

EDUCATION

Illinois Institute of Technology, Chicago, IL   **Expected Graduation December 2023**
Bachelor of Science in Computer Science
Scholarships: CEG (Cambridge Education Group) Undergraduate Scholarship
Relevant Coursework: Discrete Structures, Computer Organization and Assembly Language Programming, Data Structures, Database Management Systems, Intro to Computer Science

Peninsula College, Port Angeles, WA   **August 2019 – May 2021**
Associates in Computer Science
Relevant Coursework: Object Oriented Programming 1 and 2

ACADEMIC PROJECTS

Individual Project   **November 2021 – December 2021**
Assembly Language Calculator – Computer Organization and Assembly Programming
- 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

Team Lead   **October 2021 – November 2021**
Predicting Survivors– Introduction to Profession
- Utilized python programming language to predict the survivors of Titanic
- Built a machine learning model 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

Individual Project   **April 2020 - May 2020**
Organizer Program – Object Oriented Programming
- 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

Personal Project   **December 2021 – January 2022**
Predicting NBA Results
- 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 like "active"
- Visualized data into a graph from data frame in Python

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

LEADERSHIP EXPERIENCE

International Club   **December 2019 – May 2021**
International Club Secretary at Peninsula College
- Helped facilitate communication between the staff and international students
- Assisted in planning events for international students to socialize
- Kept track of results from meetings for future events and club keeping

STEM Club   **May 2020 – January 2021**
STEM Club Secretary at Peninsula College
- Tracked meeting results for use of future events held by the club
- Helped in mentoring other members with Physics related problems
- Held discussions weekly where each member picks a STEM related article and present it to the group to discuss

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)