

# 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
- GPA: 3.6/4.0

**Peninsula College, Port Angeles, WA**

**August 2019 – May 2021**

- Associates in Computer Science
- GPA: 3.67/4.0

## SKILLS

**Programming Languages:** Java, Python, MIPS Assembly Language, Mathematica, and SQL

**Languages:** English (Fluent), Indonesian (Native)

**Certificates:** Dean's List

## PROFESSIONAL EXPERIENCE

**Quality Control Intern** at Digby's Detective and Security Agency, Inc

**May 23, 2022 – Present**

- Updated about 255 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.
- Integrate TrackTik with Knightscope to improve the process of gathering and manipulating data.

**SOAR Leader** at Illinois Institute of Technology

**May 2022 – Present**

- Contact students and answer any 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.

**International Student Mentor** at Peninsula College

**December 2020 – May 2021**

- 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

**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**

**December 2021 – January 2022**

- Worked with a senior to create a model that predicts the results of upcoming NBA matches.
- Programmed a method in Python to take data of certain players and teams from an NBA website and removed unnecessary data that does not affect the model.
- Visualized data into a graph from data frame in Python.

**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.

**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.
- Program can compute sum, average, and sort items based on categories.

## LEADERSHIP EXPERIENCE

**Aenigma Club** at Illinois Institute of Technology

**May 2022 – Present**

*Events Coordinator*

- Lead and created a web-based puzzle/scavenger hunt for a virtual reality promotion event.
- Created and managed the professional website for the club.

**STEM Club** at Peninsula College

**May 2020 – January 2021**

- Held weekly meetings about STEM related articles where members discussed about recent news in the STEM field.
- Coordinated events where members and public can learn about potential careers in STEM, recent news in STEM field, and team bonding activities.

**International Club Secretary** at Peninsula College

**December 2019 – May 2021**

- Coordinated events for meetings and workshops for members to socialize and learn technical skills.
- Created reports and organized the meeting notes to be shared with the entire general body member.

**Volunteering:** New Community Outreach (NCO), PAWS Chicago, Holy Name Cathedral Young Adults (HNCYA)