Jacklyn R. McAninch

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SUMMARY

Determined and teamwork-oriented computer science major with 4 years programming experience. Currently seeking opportunities for Summer 2022.

EDUCATION

Illinois Institute of Technology - GPA 4.0
- *Bachelor of Science in Computer Science* by May 2023.
- *Master of Science in Data Science* by May 2024.

Relevant Coursework: Data Structures, Computer Architecture, Discrete Structures, Database Org., Systems Programming, Algorithm Analysis, Technical Communication, Data-Intensive Computing.

PROJECTS

2021
- **"Green Lightning Coin" Blockchain-based Cryptocurrency Network**
  Currently researching implementation of Proof-of-Space validation methods. This coin is an alternative to Bitcoin that will be greener, faster, and more suitable for small transactions.
- **NP-Hard Optimization: Separating Points by Axis-Parallel Lines**
  Designed heuristic to determine minimum number of axis-parallel lines required to isolate all points on a given input set. Implemented both local optimization and greedy approach.

2020
- **Online Grocery Store Inventory Database Model**
  Constructed interface for emulating an online goods service, using data tables to keep track of stock, suppliers, orders, and user info. Provides both employee and customer view.

SKILLS

Python · Java · C · MySQL · Github · HTML · Microsoft Office · Google Workspace·
Familiarity with: ROBOTC for VEX Robotics·*MIPS Assembly Language*· *Multimedia Fusion 2*

LEADERSHIP

- **Association for Computing Machinery - Women's Chapter** (2019-Present)
  Director of Marketing for executive board. Responsibilities include mass communicating events and information, managing social media accounts, and assigning tasks to committees.
- **Illinois Institute of Technology Camras Scholars Program** (2019-Present)
  Selected as a member of a reputable club for scholars exhibiting high quality in character, leadership, and work ethic. Received full tuition scholarship from said organization.
- **Illinois Institute of Technology Women's Varsity Soccer** (2019-Present)
  Started for an NCAA Division III competitive soccer team, placing third in conference.

AWARDS

- **VandyHacks "Best Career Hack,"** for hackathon project applying filters to zoom chats (2020).
- **Illinois Institute of Technology Dean's List**, awarded each semester (2019-Present).

INTERESTS

Personal Finance · Cryptocurrency Investing · Instrumental Performance · Musical Composition · Arts & Crafts · Creative Writing · Graphic Design · Childcare · Teaching · Fitness · Cooking