Ray Arcand

Highly-Motivated Computer Science Student | Aspiring Quantitative Developer

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EDUCATION:

Prosper High School   2020-2024

- Rank 2/892, 4.0/4.0 unweighted GPA, 5.475/6.0 weighted GPA
- 1540 SAT; 790 Math, 760 English
- Relevant coursework:
  - AP Calculus BC (4), AP Statistics (4), AP Chemistry (4), AP Biology(5), AP Computer Science A (5), AP Physics 1 (4), AP Computer Science Principles (5)

Dual Credit Student at Collin County Community Collin   2023-2024

- HITT Medical Terminology 1305, ENGL Composition 1301

UT Austin   Summer 2020

- Algebra 2 CBE

INDEPENDENT PROJECTS:

Machine Learning and Data Analytics API   July 2023 - Present

- Utilizing Google's YouTube Data Analytics v3 API to parse data for extraction and analysis
- Developing an innovative algorithm to predict trends within the dynamic YouTube market
- Employing deep learning techniques to analyze user behavior, content trends, and engagement metrics

Chore Application   May 2023 - August 2023

- **User Interface (UI) Development**
  - Developed a user-friendly web application using HTML, CSS, and JavaScript
  - Designed and implemented an intuitive UI for chore management
  - Created a fully functional web page accessible from various devices
  - Leveraged front-end technologies for a seamless user experience
- **Data Entry and Management**
  - Established a robust data entry and management system for chores
  - Promoted productivity by incorporating date management system

LEADERSHIP EXPERIENCE:

Leadership Intern at National Inventors Hall of Fame   Summers 2020-2023

- Led multiple STEM summer camps, closely managing of group of 30+ students
- Fostered creative thinking, problem-solving, and effective collaboration among students
- Taught students the process behind designing and developing as an engineer
- Collaborated with professionals and educators in the STEM field

Prosper High School Cross Country Team Manager   2020-2022

- Managed both Cross Country boys and girls' teams consisting of 50+ athletes

- Inputted and maintained runners' performance data using Google Sheets, ensuring accurate and up-to-date records for analysis and tracking progress
- Utilized advanced Excel skills to calculate and analyze each runner's pace per mile, enabling personalized coaching and helping athletes achieve their ideal race times

WORK/INTERNSHIPS:

Whataburger Team Member   June 2022-December 2022
- Prepared and delivered curbside orders in a timely manner
- Managed the drive-thru window, providing prompt and courteous service
- Seamlessly handled customer transactions at the register, ensuring a smooth and efficient checkout experience
- Delivered customer orders promptly and with precision, enhancing their dining satisfaction

AWARDS:

- AP Scholar with Distinction: 10th, 11th grade
- Adobe Photoshop CC 2020 Certification: 9th grade
- Cross Country Girls 6A UIL State Runner Up: 10th grade Team Manager
- National Rural and Small Town Recognition Program: 12th grade

ADDITIONAL INFORMATION:

- Native English Speaker; Intermediate Japanese Proficiency
  - Self-studied 100+ hours of Japanese grammar, words, and sentence structure
- Programming Languages and Framework:
  - Proficient in Python, Java, HTML, CSS, Javascript
  - Intermediate level in React.js, C++, Node.js, Tensorflow, C#