DYLAN J ROSE

Columbia University, Class of 2024
Fu Foundation School of Engineering and Applied Mathematics

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EDUCATION

Columbia University, *Fu Foundation School of Engineering and Applied Mathematics* — New York, NY
Bachelor of Science in Computer Science, Minor in Industrial Engineering, GPA 3.75, CS GPA 3.97 — Expected Spring 2024
Dean's List (Every semester Spring 2021 – Spring 2023)
Relevant Coursework: Machine Learning, AI, Natural Language Processing, Computer Networks, Computer Security

PROFESSIONAL EXPERIENCE

Revantage – A Blackstone Portfolio Company — Chicago, IL
Data Engineering Intern — Summer 2023
- Learned how to effectively use data engineering industry-standard technology quickly
- Wrote thorough documentation on existing processes while also cleaning and refactoring sections of the code base
- Implemented a more transparent monitoring, notification, and management system for an existing data pipeline

Kodex – ENS Domain Marketplace Startup — Chicago, IL
Full Stack Software Development Intern — Summer 2022
- Built and trained an NLP search and recommendation model that is still in use, building on an open-source project in the process
- Worked collaboratively with a small group of software developers to launch and maintain the website (kodex.io)
- Quickly learned about and adapted to projects, often returning a useful and accurate solution within a day

Chicago Yacht Club — Chicago, IL
Dock Hand and Tender Driver — Summer 2021
- Provided customer service to 100+ members including docking assistance, food and beverage sales, and reservation management
- Managed, maintained, and cleaned the club's fleet of boats and organized reservations for dock and boat essentials
- Operated tender boat to transport members to and from the dock

LEADERSHIP EXPERIENCE

Columbia University, NCAA Division I Varsity Heavyweight Crew Team — New York, NY
Student-Athlete — Fall 2020 - Present
- Dedicate 20+ hours per week to practice, conditioning, competition, and team events while balancing a full academic course load
- Developed teamwork and leadership skills
- Daily improvements on understanding and expanding limits, both physically and mentally
- Intercollegiate Rowing Coaches Association Scholar-Athlete (Spring 2022)

USRowing Junior National Team High-Performance Camp — Ashland, OR
Summer Rowing Development Program — Summer 2017, 2018
- Trained 2-3 times daily with the Junior National Team High-Performance Camp, placing 3rd at the Summer National Championship
- Developed skills maintaining personal balance and strong teamwork in a high-stress environment
- Applied these skills to help my club team later place 1st out of 85 at the Head of the Hooch Regatta in 2019

SKILLS AND INTERESTS

- Certificates: Azure Fundamentals, Databricks, Data Factory, dbt, Private Pilot License, SCUBA
- Member of Columbia Space Initiative
- Programmatically solving a wide array of engaging problems and puzzles (github.com/drose2011)
- Activities/Interests: Rubik's Cubes, Puzzles, Poker, Skiing, Sailing, SCUBA, Aviation, Off-roading, Hiking
- Programming Languages: *Fluent:* Python, SQL, C, Java; *Some Experience:* C++, Linux Scripting, GraphQL, Haskell, Ruby, Io, Prolog, Scala, Clojure