

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 3.77, 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

- Implemented a transparent monitoring, notification, and management system for several data pipelines
- Wrote thorough documentation on existing processes while also cleaning and refactoring sections of the code base
- Utilized industry-standard data engineering technology including Databricks, Data Factor, and dbt

Kodex – ENS Domain Marketplace Startup Chicago, IL
Full Stack Software Development Intern Summer 2022

- Built and trained an NLP search and recommendation model, utilizing and modifying an open-source project
- Worked collaboratively with a small group of software developers to launch and maintain the website (kodex.io)
- Frequently required to meet time-sensitive deadlines demanding swift problem assessment and solution

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

- Dedicated 20+ hours a 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/Courses: 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