

**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](https://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](https://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