

EDUCATION

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| Columbia University, Fu Foundation School of Engineering and Applied Mathematics Bachelor of Science in Computer Science, Minor in Industrial Engineering, GPA 3.7, CS GPA 4.0 Dean's List (Spring 2021, Fall 2021, Spring 2022) <i>Relevant Coursework:</i> Advanced Programming, Data Structures in Java, Fundamentals of Computing Systems | New York, NY Expected Spring 2024 |
| Latin School of Chicago, High School High School Diploma <i>Relevant Coursework:</i> Algorithms and Data structures, NAND to Tetris, 7 Languages in 7 weeks | Chicago, IL Spring 2020 |

PROFESSIONAL EXPERIENCE

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| Kodex - ENS Domain Marketplace Startup <i>Full Stack Software Development Intern</i> <ul style="list-style-type: none">Assisted in the launch and upkeep of the website by developing and maintaining code across the platformWorked collaboratively with a small group of software developers remotely on complex projectsQuickly learned about and adapted to projects, often returning a useful and accurate solution within a day | Chicago, IL Summer 2022 |
| Chicago Yacht Club <i>Dock Hand and Tender Driver</i> <ul style="list-style-type: none">Provided customer service to 100+ members including docking assistance, food and beverage sales, and reservation managementManaged and maintained club's fleet of boats and organized reservations for dock and boat essentialsOperated tender boat to transport members to and from the dock | Chicago, IL Summer 2021 |

SOFTWARE PROJECTS

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| Latin High School Project: Activity Selection Algorithm <ul style="list-style-type: none">Developed an algorithmic solution to a real world ranked choice selection problemExplored a wide variety of approaches, from proven methods to a genetic algorithmGained experience using version control and teamwork on a large collaborative project | Fall 2019 |
| Latin High School Project: Chess AI <ul style="list-style-type: none">Developed a game with a GUI and AI in JavaDeveloped chess game from scratch with an emphasis on using object-oriented programmingImplemented a Min/Max algorithm with optimizations to allow for a reasonable runtime | Fall 2018 |
| Latin High School Project: Alarm Clock Pillow <ul style="list-style-type: none">Designed an alarm clock pillowcase using an Arduino, LED's, and buzzers from scratchWrote C code to keep track of time using an on-board clockExpanded debugging skills solving nuanced issues with hardware, string wires, and software | Winter 2018 |

LEADERSHIP EXPERIENCE

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| Columbia University, NCAA Division I Varsity Heavyweight Crew Team <i>Student-Athlete</i> <ul style="list-style-type: none">Dedicate 20+ hours per week to practice, conditioning, competition, and team events while balancing a full academic course loadDeveloped teamwork and leadership skillsDaily improvements on understanding and expanding limits, both physically and mentallyIntercollegiate Rowing Coaches Association Scholar-Athlete (Spring 2022) | New York, NY Fall 2020 - Present |
| USRowing Junior National Team High-Performance Camp <i>Summer Rowing Development Program</i> <ul style="list-style-type: none">Trained 2-3 times daily with the Junior National Team High-Performance Camp, placing 3rd at the Summer National ChampionshipDeveloped skills maintaining personal balance and strong teamwork in a high stress environmentApplied these skills to help my club team later place 1st out of 85 at the Head of the Hooch regatta in 2019 | Ashland, OR Summer 2017, 2018 |

SKILLS AND INTERESTS

- Certified private pilot with tailwheel certification
- Member of Columbia Space Initiative
- Activities/Interests: Skiing, Sailing, SCUBA, Rubik's Cubes, Puzzles, Aviation, Off-roading, Hiking
- Programming Languages: *Fluent:* Python, C, Java; *Some Experience:* C++, SQL, Linux Scripting, GraphQL, Haskell, Ruby, Io, Prolog, Scalla, Clojure