

Nikolai Lyssogor

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Objective: Through an internship gain exposure to modern software development practices, tools, and communication norms. Sharpen coding ability and further develop collaborative skills in a development setting. Understand how abstract data science concepts are implemented to solve large-scale problems.

Hard Skills

- Python
- C/C++
- Scala
- PostgreSQL /MySQL
- HTML/CSS
- Bootstrap
- Pandas
- Numpy
- SciPy
- Jupyter Notebook
- Git/GitHub
- LaTeX

Personal Strengths

- Earnestness
 - Clear communication
 - Intellectual curiosity
 - Eagerness to learn
 - Accountability
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Education

[B.S. in Computer Science and Statistics Minor](#) / University of Colorado Boulder

Current GPA of 3.5. Expected graduation May 2023. Relevant coursework includes Data Structures and Algorithms, Introduction to Data Science, Artificial Intelligence, Principles of Programming Languages, Linear Algebra, Multivariable Calculus, Discrete Mathematics, and Software Development Methods and Tools.

Projects

[Data-Go-Round](#)

Built a web app which allows users to quickly and easily share surveys to gather data for research or other intellectual pursuits. Calls to a NodeJS server using Express framework, connected to a PostgreSQL database. Team role involved wrangling form data to pass it neatly to the backend.

[Sudoku Solver](#)

Implemented a Sudoku solver in Python using a genetic algorithm as a personal project. Tested various crossover functions to determine which performed optimally.

Experience

June 2019 – August 2019

[Amazon Prime Shopper](#) / Whole Foods, Boulder CO

Fulfilled a high volume of time-sensitive orders. Offered ideas to improve the efficiency of the new system. Coordinated strategies in real-time with other employees to get orders done as fast as possible.

January 2017 – October 2018

[Semi-Professional Hockey Player](#) / Sioux City Musketeers, Minnesota Wilderness, Wenatchee Wild

Consistently practiced and performed according to the coach's standard. Executed assigned roles in high-pressure situations. Engaged with local elementary school children once per week.