

# Enis Aras

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## EDUCATION

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### Rensselaer Polytechnic Institute

Troy, NY

*Bachelor of Science in Computer Science, Minor in Finance*

*Fall 2020 – May 2022*

- Learned about topics related to algorithms like dynamic programming, divide and conquer, NP-completeness and graph theory and designed many algorithms aimed to solve real life problems.
- Learned about Computer systems organization topics such as processors, memory, I/O with the help of C language as well as digital logic topics like Boolean algebra and logic gates.
- Learned about introductory Matrix Algebra topics like matrix algebra and systems of linear equations, vectors and linear transformations in  $R^n$ , eigenvectors and eigenvalues, and their applications in engineering and science.

### Hudson Valley Community College

Troy, NY

*Associate's in Computer Science*

*May 2019 – May 2020*

- Learned about data structures like stacks, queues, lists, trees, and collections and their proper application using Java programming language.
- Learned about features of the C++ programming language including class design and data structures.
- Learned about topics including logic, relations, partial order, equivalence relations, lattices, Boolean algebra, graph theory, and predicate calculus. Gained a strong knowledge of proofs such as inductive, direct, contradiction, contraposition and exhaustion.

## EXPERIENCE

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### Developer at Quantify

November 2020 – Present

*Contract*

*Niskayuna, NY*

- Worked with clients to convert their existing trading strategies into algorithms that can be automatically traded using platforms like QuantConnect and Alpaca.
- Visualized many trading strategies and back tested them using the platform TradingView and their scripting language Pine Script.

## PROJECTS

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### The Archives(Under Development) | *Python, AWS API Gateway, React, SQL*

January 2021 – Present

- A Star Wars HTTP API containing all the data from the Star Wars lore including movies, TV shows and games.
- Aimed to be a fun and easy to use API for students and programmers new to using HTTP APIs.
- Complete documentation and many examples to help students and programmers get into the world of using APIs using data from the greatest franchise of all time.

### Discord Betting Bot(Under Development) | *Node, Discord.js, React, MongoDB*

November 2020 – Present

- A virtual betting bot that uses real life sports betting odds to let users bet on their favorite teams.
- Features a complete MongoDB database that stores data ranging from each bet made to amount of coins each user currently has.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Django, JUnit, JQuery

**Developer Tools:** Git, TravisCI, Amazon Web Services, Vim, Visual Studio, PyCharm Eclipse, QuantConnect, Ubuntu

**Libraries:** Pandas, NumPy, Matplotlib, Selenium