

# ARGY SAKTI

New York, NY | (917) 891-1215 | [argsakti@nyu.edu](mailto:argsakti@nyu.edu) | [github.com/asakti47](https://github.com/asakti47)

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## EDUCATION

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**New York University, College of Arts & Sciences**, New York, NY Sep 2020 – May 2024

- Bachelor of Arts in Computer Science/Data Science, GPA: 3.59
- Relevant Coursework: Basic Algorithms, Computer Systems Organization, Database Design and Implementation, Data Structures, Natural Language Processing, Operating Systems, Principles of Programming Languages, Processing Big Data for Analytics Applications

## TECHNICAL SKILLS

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- Programming: C, HTML, Java, JavaScript, Python, R, SQL
- Tools: Docker, Excel/Sheets, Github, Jupyter Notebooks, PyCharm, RStudio, Tableau, VSCode
- Data Skills: Data Analysis (NumPy, Pandas), Data Management (MongoDB), Data Visualization (Matplotlib, Tableau), Machine Learning (Scikit-learn), Web Development (PyMongo, Flask), Web Scraping (Beautiful Soup)

## WORK EXPERIENCE

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*Research Intern*, **London School of Economics**, London, United Kingdom Jun 2019 – Jul 2019

- Created mathematical models to examine the volatility of financial stocks under the supervision of Dr. Domingos Romualdo

*Intern*, **Standard Bank**, London, United Kingdom Jun 2018 – Jul 2018

- Identified possible restaurant takeovers for a prospective client
- Organized a spreadsheet of the annual report of a private equity group, and investigated events that contributed to the trends

## PROJECTS

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**Idiom Identification with Natural Language Processing** (Python, NLP) Feb 2022 – May 2022

- Developed a model to detect idioms in text
- Optimized the model for greater precision and accuracy by implementing categorical variation and word vectorization to the set of potential idiomatic expressions

**FIFA 22 Price Helper** (Python, HTML) Mar 2022 – Sep 2022

- Created a web app program to determine the cheapest combination needed to achieve a minimum squad rating for the video game FIFA 22
- Utilized web scraping tools to obtain the lowest price of a particular player rating from FIFA 22

**Independent COVID-19 Modeling** (Silico AI Software) Mar 2020 – Jan 2021

- Collaborated in a multinational effort to project the spread of COVID-19 in Indonesia, Haiti, and the United Kingdom
- Explored the interconnected relationship between the spread of the virus with healthcare capacity and lockdown measures

## EXTRACURRICULAR ACTIVITIES

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*President*, **NYU Indonesian Students Association** Oct 2021 – present

- Coordinate club activities with a board committee to foster a solid Indonesian community on campus

*Tech Treks Member*, **Tech@NYU** Sep 2021 – May 2022

- Participated in a cohort to learn about the tech industry and build fun software projects

## INTERESTS

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Playing and Analyzing Soccer, NBA, Guitar, Street Fashion, Reading