Rafy Akbar

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EDUCATION

Georgia Institute of Technology, Atlanta, GA | Jan 2022 – May 2024 (Expected)

- Candidate for Bachelor of Science in Computer Science
- GPA 3.93/4.0
- Relevant Coursework: Data structures and Algorithms, Linear Algebra, Discrete Mathematics, Computer Organization and Programming, Object and Design

Edmonds College, Lynnwood, WA | September 2019 – August 2021

- Associate of Science in Computer Science
- GPA 3.86/4.0
- Academic Honors

EXPERIENCE

Lintasarta, Python Developer Intern, Jakarta, Indonesia | Jul 2021 – Sep 2021

- Developed website using Python, Flask, Bootstrap and HTML/CSS that allows employees to login and access different directories
- Implemented MySQL for user database and login functionality
- Coordinated regularly with internship mentor to discuss project requirements and assess the need for changes to fulfill weekly milestones
- Learned how to do full stack web development using Python and work collaboratively in professional work environment

PROJECT

Student Management, Python | Personal Project | Jun 2021 – Jul 2021

- Built a student management system using Python that allows users to add, remove, and search students in the local database
- Incorporated export/import feature to allow users to save list of students locally and open external file
- Used JSON as data format to allow the student database to be cross-compatible and machine readable while keeping it as lightweight as possible

Stockify, Python | Hacklytics 2023 | February 2023

- Built a stock analysis and prediction tool using Python that uses both technical analysis to rate and rank companies based on their potential for investment
- Analyzed ten major companies in NASDAQ and visualized data related to the performance of each company's stock.
- Utilized Python libraries such as TA-Lib and MatPlotLib to calculate RSI and OBV based on factors such as price and volume for each company.
- Implemented Django and HTML for building the user interface of the web application.

LEADERSHIP

Indonesian Student Association at Georgia Tech, Events Organizer, Atlanta, GA | Aug 2022 - Current

- Organize social events with the goal of bringing Indonesian students together as a community
- Host workshops aimed for students who need help transitioning in a college environment

Student Government, Head of Technology, Jakarta, Indonesia | Sep 2018 – Sep 2019

- Utilized information and communication technology to support student government's event
- Developed student government's official website that allows students to search for student government events and student clubs

SKILLS

Languages: Java, C/C++, Python, VBA, HTML, CSS

Libraries/Frameworks: JUnit, JavaFX, Flask, Bootstrap, Django, Panda, NumPy, MatPlotLib, Seaborn, TA-Lib

Tools: IntelliJ IDEA, Netbeans, Visual Studio, Visual Studio Code, Git, Conda, Docker