Julian Robert Tanja

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Education

Boston University   **Boston, Massachusetts**

B.A. in Computer Science, Minor in Statistics   *Jan 2020 - Expected May 2023*

Relevant coursework: Data Structures, Computer Systems, Combinatoric Structures, Geometric Algorithms, Functional Programming, Probability in Computing, Intro. to Statistics, Applied Statistics.

Experience

Tiket.com   **Jakarta, Indonesia**

Business Analyst Intern   *Jun 2021 - Aug 2021*

- Created an air-travel mobility tracker using extracted data from Google's Destination Insights website and uploaded the data into a MySQL server, all by using Python and the following libraries: Requests and Pandas.
- Published an MIT-licensed Python library called DataExtractionTiket containing the compiled code for the air-travel mobility tracker.
- Acquired data through web scraping using Python's Selenium and BeautifulSoup library and Google's Distance Matrix API to retrieve data on the distance and duration between Indonesian cities and regions at a specific time.

Projects

GarudaHacks Hackathon Project: Optimal Location Finder in Rural Indonesia   **Virtual Hackathon**

UI/UX Designer   *Aug 2020*

- Developed a web app called MediLoc that identifies the optimal locations for nutrition centers to aid the Indonesian government and local healthcare organizations to combat stunted growth in rural areas.
- Utilized Figma to design presentable and aesthetic UI.
- Earned recognition from Open Water Accelerator.

Extracurriculars

BU Analytics Club   **Boston, Massachusetts**

Secretary & VP of Marketing   *Jan 2021 - Present*

- Taught conditional statements during an intermediate Microsoft Excel workshop we hosted to 20 current freshmen and sophomores.
- Scheduled weekly executive board meetings, workshops, and general club meetings for the semester.
- Increased the club's official Instagram follower count three-fold from 88 followers to about 290 in 5 days.
- Communicate follower interactions to the rest of the executive board and recommend ideas to retain the current follower count, such as having posts dedicated to introducing each member of the executive board.

Skills/Interests

Computer: Python, Java, C, R, OCaml, Javascript, HTML, CSS, ReactJS, Google Cloud Platform, MySQL, SQLite, Microsoft Office 365, Google Workspace, Tableau.

Language: Proficient in English and Indonesian.