Eugene Pirono

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EDUCATION

Boston University   **Boston, MA**
Bachelor of Science in Data Science and Applied Mathematics (Statistics) ,***Cumulative GPA: 3.72/4.0***   **Expected May 2024**
• Honors: Dean's List Academic Achievement Award (All Semesters)
• Relevant Courses: Programming in Python, Data Structures in Java, Geometric Algorithms, Combinatorial Structures, Basic Probability and Statistics, Applied Statistics, Multivariable Calculus

SKILLS & INTERESTS

Programming Languages: Python, Java, JavaScript, HTML, CSS, R, SQL
Full-Stack Frameworks: Vue.js, React.js, Next.js, Node.js, JavaFX, Angular.js
Machine Learning: Numpy, Pandas, Matplotlib, Pytorch, Tensorflow, Keras
Languages: English (Native), Bahasa Indonesia (Native), Mandarin (Fluent)
Interest: Speedcubing, Math Olympiad, Hackathon, Soccer, Weightlifting, Running

WORK EXPERIENCE

Ninja Xpress Logistics and Supply Chain   **Jakarta, Indonesia**
Front End Software Engineer & Data Analyst Intern   **June 2020 - September 2020**
(Leading logistics company provider with highest service coverage over 6 countries)
• Developed Company's **website** and client's FAQ query tracking system, designed graphs and statistical models to project insights
• Implemented aesthetic feature through front-end software engineering using JavaScript frameworks such as React.js and Vue.js
• Created statistical models and insights using MySQL and Rstudios that reduces material logistic fees by 6%

PROJECTS

AquaTrack   **Boston, MA**
Founder   **August 2021 - Present**
(an application to track water usage in households)
• Managed three programmers to complete a software engineering project using Java in 2 days for Hack The 6ix Hackathon 2021
• Designed the application backend functionality by incorporating Android Studio and Json Database file format

Dr. Reminder   **Boston, MA**
Founder   **September 2021 - Present**
(an automated prescription manager and reminder web application connected through shareable link and calendar file download)
• Won first place under community favorite category with 118 likes for John Hopkins University Medhack Hackathon 2021
• Constructed an unified theme and scalable, dynamic front-end interface using HTML, CSS and Google font API
• Synthesized OCR-API and NLP algorithm to automatically convert medicine prescription images into user's calendar system

Automated Database System Initiative   **Papua, Indonesia**
Founder   **March 2019 - May 2019**
(a self initiated project building a database system and automated attendance system for an under-resourced school in rural area)
• Developed locally hosted database systems such as a library system, sporting equipment tracker system and attendance system
• Implemented I/O barcode system using Clear Spider software and conducted training for staffs to operate and maintain the system

LEADERSHIP & ACTIVITIES

Math Olympiad Club   **Jakarta, Indonesia**
President   **August 2018 - August 2019**
• Directed 2 hour weekly meetings for 14 students to compete in World Mathematics Invitational and Southeast Asia Math Olympiad
• Coordinated interactive blog presentation on Stirling's Approximation derivation in auditorium of > 250 students and teachers

VOLUNTEER EXPERIENCE

Papua Self Initiated Project   **Papua, Indonesia**
Leader   **June 2019 - July 2020**
• Coordinated project that decreases a rural community illiteracy rate through organized basic computer usage teachings
• Conducted intensive beach cleaning that restore coral reefs ecosystem and its surrounding coastal environment
• Aided local communities through bulk distribution of daily necessities such as clean water, rice grains, and medicines