

# Eugene Pirono

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## EDUCATION

### **Boston University**

*Bachelor of Science in Computer Science and Applied Mathematics (Statistics)*, **Cumulative GPA: 3.48/4.0**

**Boston, MA**  
**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, Probability in Computing, Analysis of Variance

## WORK EXPERIENCE

### **Ninja Xpress Logistics and Supply Chain**

#### **Front End Software Engineer & Data Analyst Intern**

**Jakarta, Indonesia**  
**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
- Created statistical models and insights using SQL and Python libraries that reduces material logistic fees by 6%

### **Campaign.com**

#### **Data Analyst Intern**

**Jakarta, Indonesia**  
**Dec 2021 - Feb 2022**

*(social startup that have supported communities by providing safe space to campaign)*

- Conducted >5GB data cleaning, processing and visualization using Numpy, Panda, Matplotlib from SQL and CSV file format
- Performed linear regression algorithm and Business Intelligence analysis to increase >25% of sponsorship funds
- Improved demand forecasting by implementing K-Nearest-Regression to predict user engagement and identify success metrics

### **Finku**

#### **Backend Software Engineer & Data Engineer Intern**

**Jakarta, Indonesia**  
**Jan 2022 - Present**

*(personal finance application helping Indonesian consumers manage their finances better through Fintech)*

- Developed server-side query using Node.js and Nest.js to increase user acquisition and engagement
- Implement machine learning algorithm to MongoDB, PostgreSQL and AWS data to improve expense categorization
- Constructed new ETL pipeline and optimized Data Lake and Data Warehouse to improve accuracy of credit score neural network

## PROJECTS

### **AquaTrack**

#### **Founder**

**Boston, MA**  
**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**

#### **Founder**

**Boston, MA**  
**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 Javascript
- Synthesized OCR-API and NLP algorithm to automatically convert medicine prescription images into user's calendar system

## LEADERSHIP & ACTIVITIES

### **Indonesian Student Association at Boston University (ISABU)**

#### **Head of Treasury**

**Boston, MA**  
**August 2021 - Present**

- Appointed to administer and manage the financial assets and liabilities of ISABU
- Allocated budget to members of the board and keeping track of a financial ledger for each event
- Conducted quantitative risk analysis of ISABU's Venmo account to maximize aggregate profit

## SKILLS

Programming Languages: Python (expert), Java (expert), JavaScript (proficient), R (intermediate)

ML Python Libraries: NumPy, Pymongo, Pandas, Matplotlib, SciPy, Scikit-learn, PyTorch, TensorFlow, Keras

Databases: MongoDB, MySQL, PostgreSQL, SQLAlchemy, SQLite, Google Cloud Storage, Cloud Firestore, Amazon S3

Data Analysis: Google Sheets, Microsoft Excel, Tableau, Power BI, Looker

Tools/Technologies: Git/GitHub, Unix/Linux, shell scripting, GC Platform, AWS S3, AWS Blue, AWS Lambda, AWS Athena