LINH (BOBBY) NGUYEN

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PROFILE

Enthusiastic computer science undergraduate with extensive experience in app development. Passionate about machine learning and front-end development. Fast learner and inclusive team member. Seeking internship or full-time opportunities in software engineering

EDUCATION

St. Bonaventure University – St. Bonaventure, NY · May 2020

B.S, Computer Science and Cybersecurity. Minor in Mathematics · GPA: **3.8**

- **Research Project:** *Anomaly Detection in US Election Data via Machine Learning and its Representation of US Infrastructure Vulnerability*

SKILLS

Languages: Python, R, Java, JavaScript

Frameworks: ReactJS/React Native, HTML/CSS, Git, Expo, Scrum, Python Dash, R Shiny

Data: SQL, SQLite, SSMS, relational databases, data analysis and machine learning via Pandas, Scikit-Learn

Design: Adobe XD, draw.io, UI design, OOP

RELATED PROJECT

Austin Thomas's Fitness App, *a mobile application* for users to view fitness plans designed by Austin Thomas.

- Showcased exceptional design skills by designing and generating wireframes and app mockups
- Implemented React Native and HTML/CSS skills to build waiver and workout screens using React Native while fetching workout data from Sails.JS via REST API
- Produced working product in two months by collaborating with team members via Scrum

Fubuki Puzzle Solver, *a multi-platform application* solving Fubuki puzzles. Jun 2019

- Demonstrated exceptional problem-solving skills by deriving an algorithm solving the Fubuki puzzles by implementing Pandas and NumPy packages in Python
- Utilized reusable code to construct user-interfaces on Python Dash, R Markdown, and R Shiny platforms

EXPERIENCE

Data Science Intern, *National Institutes of Health* – Bethesda, MD Jun 2019 - Aug 2019

- Developed UI on R flexdashboard and Python Dash for researchers to calculate Acute Graft-versus-Host disease (aGvHD) rates while exploring fundamentals of data science
- Used Python Dash and R to build survival analysis dashboard on the clinical database of the Hematopoietic Stem Cell Transplant Outcomes and machine learning tutorials
- Researched the applications of machine learning in biomedical research and presented them to teams of Medical Doctors and Biostatisticians

LEADERSHIP

Computer Science Tutor, *SBU Learning Center* – St. Bonaventure, NY Feb 2020 - present