Phong Nguyen

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EDUCATION

Master of Science in Computer Science *Sept 2019 - Present*
Seattle University *GPA: 3.5 / 4.0*

PROJECTS

GetIt Full-stack Mobile App *In progress*

Objective: Build a full-stack mobile app that let users ask local community to locate products and services at nearby stores.

- Built REST API back-end using Node.js and Express.js.
- Utilized DynamoDB as back-end storage.
- Utilized React Native front-end framework to interact with Node's REST APIs.
- Integrated with Google OAuth for secured user signup and login.
- Worked with software development toolset such as: source version control with Git hosted on GitHub.

Rating Prediction System *Sept - Dec 2019*

Objective: Worked in a team of 3 students to build and train a machine learning model. This model is used to predict the star-rating of a business based on customer reviews.

- Utilized pandas.DataFrames for data cleaning, preparation, and exploration of the initial datasets.
- Utilized Python library, scikit-learn, to:
  - Split text data into a training set and a test set.
  - Fit a Classifier, made predictions, and evaluated the Classifier.
- Performed data analysis & visualization using Word Cloud to find 100 most recently appearing words across all restaurant reviews.
- Implemented Logistic Regression, and k-Nearest Neighbors algorithm to predict restaurant star rating based on text reviews.

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Software Engineering
- Database Systems
- Object Oriented Programming
- Artificial Intelligence

CERTIFICATION

Machine Learning specialization by University of Washington *In progress*

PROGRAMMING EXPERIENCE

Languages: Java, Python, Javascript, HTML, CSS, SQL

Frameworks: Node.js, Express, Bootstrap, ASP.NET

Tools: Git, IntelliJ, Eclipse, Visual Studio Code, Jupyter Notebook