

# Phillip Nguyen

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## Objective

- Bowie State University computer science senior with consistent punctuality and diligence. Knowledgeable of many different programming languages and operating systems. Novice-experience with machine learning algorithms, data science, front-end and back-end development. Aiming to leverage experience and knowledge to fill in internship position.

## Education

**PURSUING BS IN COMPUTER SCIENCE | EXPECTED 2023 FALL | BOWIE STATE UNIVERSITY (MD)**

GPA: 4.00 (On a scale of 4.00)

Computer Science Courses:

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| • <i>Data Communications and Networks</i>       | • <i>Programming Languages</i>             |
| • <i>Computer Organization and Architecture</i> | • <i>Design and Analysis of Algorithms</i> |
| • <i>Database Management</i>                    | • <i>Discrete Mathematics</i>              |
| • <i>Data Structure and Algorithms</i>          | • <i>Operating Systems</i>                 |

## Skills

### PROGRAMMING LANAGUAGES

- Python, C++, C, Java, SQL, HTML, JavaScript, CSS, MARIE Assembly, Haskell

### OPERATING SYSTEMS

- Windows, macOS, Ubuntu, GNU.

## Bank Web Application

- Created user interface and front-end functionality of a bank app using HTML, JavaScript, and CSS.
- Created data storage, data retrieval, and user authentication of a bank app using Nodejs and MySQL.
- Deployed app using Git and Heroku.

## Research Project

**OUTLIER DETECTION BY INTEGRATING PCA AND LOF | JANUARY 22, 2022 – AUGUST 26, 2022**

- Researched for a methodology of K argument in the Local Outlier Factor algorithm in hopes to strengthen outlier detection methods.
- Used machine learning classifiers like SVM and DecisionTree to classify local outliers within clusters of data points.
- Used dimensionality reduction with PCA algorithm (reduced multi-dimensional data to two-dimensional data).
- Presented research project at *BSU Research Expo*.