

M. Phuong Phan

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EDUCATION

Smith College – class of 2022

Sep. 2018 – Present

Computer Science and Physics Major

Northampton, MA

- GPA: 4.0
- Honors: 2018-2019 Dean's List
- Languages: Python · Java · HTML/CSS · JavaScript · MATLAB
- Coursework: Introduction to Python · Data Structures · Microprocessor and Assembly
· Calculus III · Discrete Mathematics · Mathematics of Physical Sciences and
Engineering · Introductory Physics I · Introductory Physics II
- Spring coursework: Operating System · Linear Algebra · Quantum Physics

PROJECTS

Fourier Transform Visualization | PyQt – Python

Jul. 2018

- Visualize Fourier Transform on any functions with epicycles rotating at constant rate.
- Build an application that takes in either user's drawing or a svg file and recreate the paths using Discrete Fourier Transform.

Titanic Classification Challenge | Sklearn – Python

Jun. 2018

- Use data from Kaggle to train a model that can predict survivability of passengers during the Titanic disaster.
- Model's accuracy: 78.941%

GraphGUI | Java

Apr. 2018

- Implement the graph data structure in Java.
- Implement an application that allows user to create, edit and control graphs interactively.

Frogger | Python

Dec. 2018

- Recreate the classic arcade game in Python with Zelle's graphics library.

WORK EXPERIENCE

Kitchen Helper

Sep. 2018 – Present

Smith College

Northampton, MA

- Clean and sanitize plates, bowls, utensils and silverware.