Timothy Kamoua

Junior Year (B.S.E)
Computer Science & Engineering
at University of Michigan
GPA: 3.751

University of Michigan, Ann Arbor
Mob.: +1-631-885-1769
Email.:tkamoua@gmail.com
Web.:https://tkamoua.github.io/

Links

Github:// **tkamoua**
LinkedIn:// **Timothy Kamoua**

Education

2018-Present
B.S.E IN CS
University Of Michigan
GPA : 3.751/4.0
Expected Graduation : May 2022

Skills

OS
Windows, Linux

LANGUAGES
C/C++, Python, MatLab, HTML/CSS

OTHERS
Numpy, Pandas, Tensorflow,
Git, VS Code, VS Studio
Adobe Illustrator, Photoshop,
BeautifulSoup4

Coursework

- Data Structures & Algorithms (EECS 281)
- Computer Organization (EECS 370)
- Discrete Mathematics (EECS 203)
- Linear Algebra (Math 214)
- Programming and Intro Data Structures (EECS 280)
- Autonomous Drones (ENGR 100)
- Web Design, Development, and Accessibility (SI 339)

Experience

09/2018-CURRENT **University of Michigan Solar Car** **Software Developer**
Develop and maintain software critical to World Solar Challenge. Projects : Solar Car Race Simulator (C++), CloudMap (Django/Python/JavaScript), Weather Prediction(MATLAB)
C++, Python, Pandas, Numpy, Django, Matlab

06/2020-08/2020 **Coding4Youth** **Online Computer Science Instructor**
Instruct K-12 students in C++ and Python during weekly online one-on-one sessions. Develop lesson plans, create suitable challenges, and adjust pacing of the course based on student understanding and proficiency
C++, Python, Tkinter, Online Teaching,

09/2017-08/2018 **SBU Optoelectronics Lab** **Volunteer Lab Assistant**
Contributed to Stony Brook University Optoelectronics research through design and implementation of single beam photometer apparatus
CorelDraw, 3D Printing, Soldering

Achievements/Awards

2020-NOW **Engineering Honors Program**
Inducted into University of Michigan Engineering Honors Program

2018-2018 **University Honors/Dean's List**

2018-2018 **National Merit Scholarship Commended Student**

2017-2018 **AP Scholar with Distinction**

Side Projects

08/2020 **Deep Learning Specialization Certificate** **Python, TensorFlow**
5 Course Specialization from deeplearning.ai at Coursera - Learned foundations of Deep Learning and about CNNs, RNNs, LSTM, Adam, Dropout, BatchNorm, Xavier/He initialization, and more. Implementing projects using Python and in TensorFlow.

08/2020 **Esports Game Prediction** **Python, Numpy, Pandas, BS4**
Web scraped data using BeautifulSoup4 and used logistic regression to predict outcomes of esports competitive games with 88% accuracy and 0.86 F1 score.

07/2020 **Machine Learning Online Course Certificate** **Matlab**
Learned fundamentals of Machine Learning including linear/logistic regression, neural networks, supervised/unsupervised learning techniques, and more from online course by Stanford on Coursera