MAXWELL ALADAGO

+1(603) 276-6638 ⋄ Hanover, NH

maxwell.m.aladago.gr@dartmouth.edu ⋄ linkedin.com/in/maladago/ ⋄ github.com/maxwell-aladago

EDUCATION

Doctor of Philosophy (Ph.D.), Computer Science, Dartmouth College — Expected Jun 2024
Relevant Coursework: Deep Learning, Security and Privacy in Machine Learning, Artificial Intelligence.

Bachelor of Science (BSc.), Computer Science, Ashesi University — Sep 2014 - Jun 2018

AWARDS & HONORS

- Scholarship, Leadership & Citizenship Award, Ashesi University — Jun 2018
- Winner of the annual Career Fair Programming Competition, Ashesi University — Mar 2018
- The MasterCard Foundation Scholarship, Ashesi University — Sep 2014 - Jun 2018

EXPERIENCE

Student Researcher — Jun 2022 - present
Google, Brain Team — *Boulder, CO*

- Led a project on novel multi-modal fusion methods for vision-language tasks which resulted in a paper.
- Contributed significantly to my Group's Research codebase earning a Spot Bonus in the process.

Software Engineering Analyst, Internship — Jun - Aug 2018
Goldman Sachs — *London, United Kingdom*

- Worked in a team of five developers on two projects for Deal Execution during Initial Public Offerings (IPOs) or mergers of corporations.

Summer Research Consultant, Internship — May - Jul 2017
Goodyear Tire and Rubber Company — *Akron, OH*

- Developed a machine learning model to predict the rate of wear of consumer car tire given the zip code where the car is driven using a variety of geo-locational data (traffic conditions, road roughness, weather conditions, elevation).

PUBLISHED WORKS

Refereed Conferences

- Aladago, M. M. and Torresani, L. Slot Machines: Discovering winning combinations of random weights in neural networks. In *International Conference on Machine Learning (ICML)*, 2021.
- Aladago, M. M., Torresani, L., and Rosca, E. V. Semantic segmentation of the growth stages of plasmodium parasites using convolutional neural networks. *IEEE AFRICON*, pp. 1–7, 2019.

Refereed Workshops

- Aladago, M. M. and Piergiovanni, A. Compound tokens: channel fusion for vision-language representation Learning. New England Computer Vision Workshop (NECV), MIT, 2022.
- Aladago, M. M. and Torresani, L. Slot Machines: Discovering winning combinations of random weights in neural networks. NeurIPS Workshop on "Beyond Backpropagation", 2020
- Aladago, M. M., Korsah, A. Classification of road surface quality. *ACM SIGCAS Conference on Computing for Sustainable Societies (COMPASS)*, 2019

TEACHING EXPERIENCE

Teaching Assistant, Deep Learning
Computer Science Department, Dartmouth College

Jan - Mar 2020
Hanover, NH

Teaching Assistant, Algorithms
Computer Science Department, Ashesi University

Jan - May 2019
Berekuso, ER, Ghana

Teaching Assistant, Machine Learning
Computer Science Department, Ashesi University

Aug - Dec 2018
Berekuso, ER, Ghana

Teaching Assistant, Discrete Mathematics & Structures
Computer Science Department, Ashesi University

Aug - Dec 2018
Berekuso, ER, Ghana