Diala Lteif

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About Me

I am a Computer Science Ph.D. student at Boston University. My research interests are in the field of machine learning and computer vision. I have been exposed to various applications of machine learning and AI in both industry and academia.

Education

Sept 2019 – Present	**Boston University**, *Boston, Massachusetts, USA.* Ph.D. in Computer Science, GPA: 3.80/4.00
May 2019	**American University of Beirut**, *Beirut, Lebanon.* BSc in Computer Science, *with distinction*, major GPA: 4.00/4.00
June 2016	**Lycee Patriote High School**, *Beirut, Lebanon.* Lebanese Baccalaureate in Life Sciences, *high distinction*

Honors and Awards

2020	**Grace Hopper Conference Award**, *Boston University.*
2016-2019	**Dean's Honor List**, *American University of Beirut, Lebanon.*
2017	**IEEExtreme Programming Competition**. Fifth place over Lebanon in the international 24-hour online IEEExtreme competition
2017	**ACM Lebanese Collegiate Programming Contest 2017**, *Beirut, Lebanon.* First place in the 9th Lebanese Collegiate Programming Contest with fellow AUB students

Research Experience

Research fellow, *Boston University*, Boston, Massachusetts, USA.

Sept 2020 – Present	○ Working on cross-layer parameter sharing for various tasks, with ***Prof. Bryan Plummer***.
April 2020 – Present	○ Working on inherently interpretable AI models for visual data, with ***Prof. Sarah Bargal.***

Industry Experience

Aug 2018 – Sept 2018	**Intern**, *PinPay SAL*, Beirut Digital District, Beirut, Lebanon. Worked on Amazon Alexa, Google Assistant services and front-end web development

Teaching Experience

AY 2019-2020	**Teaching fellow**, *Boston University*, Boston, Massachusetts, USA. CS330: Introduction to Algorithms (Spring 2020) CS103: Introduction to Internet Technologies and Web Programming (Fall 2019)
July 2018	**Instructor**, *Future Developer Summer Camp*, American University of Beirut, Beirut, Lebanon. Taught Unity and iOS development to students between the ages 12 and 18
Feb 2017 – May 2017	**Instructor**, *S.A.S Tutoring Center*, Beirut, Lebanon. Taught Biology, Chemistry, and Physics to high school students

Selected Graduate Coursework

Machine Learning, Artificial Intelligence, Operating Systems, Formal Methods

Skills

Machine Learning: Tensorflow, Keras, PyTorch, tensorboard, wandb.ai

Languages: Java,C#,C/ C++, Scala, Prolog, Python, Javascript, PHP, HTML5/CSS, SQL

Dev frameworks: Angular, Node.js, Ionic3, Unity, Android Studio, Microsoft Visual Studio, .Net

Database management: Microsoft SQL Server, SQL Server Management System, PhpMyAdmin

Networks: Socket Programming, Wireshark Packet Tracer

OS: Linux, Windows

Cloud: Amazon Web Services, Microsoft Azure, Alexa Skills Kit

Management: Agile, Project and Product Management

Professional Activities

FY 2020-21	**Mentoring Chair**, *BU ACM-W student chapter, Boston University.* manage the mentorship program and advocate for full engagement of women in compuing and technology
Nov 2017 – May 2018	**Treasurer of the Club of Artificial Intelligence**, *American University of Beirut.* Cabinet member of the CAI: a club that revolves around Artificial Intelligence, Machine Learning, and Data Mining
Nov 2017	**ACM Arab Collegiate Programming Competition 2017**, *Egypt.* Competed and teamed with fellow AUB students in the 9th Arab Collegiate Programming Competition and ended up in the 31st place in the MENA region out of 104 participating teams

References

Available upon request.