* **Alaa Jalal Al Tamimi**
* **E-mail:**[**ajtamimi@ppu.edu**](mailto:ajtamimi@ppu.edu)
* **Mobile: +972 599 728 123**
* **Born in Hebron, Palestine on 25.8.1980**
* **Academic Qualifications:**
* General Secondary Exam Certificate, 1998 in Hebron, Palestine

GPA: 95.3 (The first rank in the Hebron governorate, and the second rank in the West Bank).

* Bachelor Degree in Computer systems Engineer from PPU, 2004 in Hebron, Palestine GPA: 87.4 (With excellent grade degree).
* Master candidate: Intelligent Systems - Data Science, PPU.
* Specialized Training courses:
  + 2005: FPGA Course, Birzeit University, Palestine.
  + 2005: Teaching Methods Improvements Course, (UGU, PPU) Hebron, Palestine.
  + 2006: TOEFL Course (UGU, PPU) Hebron, Palestine.
  + 2008: Teaching Methods Improvements Course, (UGU, PPU) Hebron, Palestine.
  + 2008: International to e-Learning and Moodle system, (UGU, PPU) Hebron, Palestine.
  + 2009: PIC Programming, [Royal Scientific Society](http://www.rss.gov.jo/), Amman, Jordan.
  + 2010: LabVIEW Core 1,2,3  & LabVIEW Connectivity,

[National Instruments](http://www.ni.com/), Kuala Lumpur, Malaysia.

* + 2014: BMS, Schneider Electric, (UGU, PPU) Hebron, Palestine.
  + 2015: CAN Bus system, [IUT Cachan - Université Paris-Sud](http://www.u-psud.fr/fr/universite/composantes/iut-cachan.html), Paris, France.
  + 2016: Customized Data Acquisition and Embedded Training, [National Instruments](http://www.ni.com/), Amman, Jordan.
  + 2017: Business Model Canvas (BMC), JADARA and (UGU, PPU) Hebron, Palestine.
  + 2018: NI Vision and ECM (Embedded Control and Monitoring) Training, [National Instruments](http://www.ni.com/), Istanbul, Turkey.
  + 2019 - 2021: Palestine's "Think Data Science" program, Joint cooperation between: Palestinian Central Bureau of Statistics, Arab American University and Harvard University, Online training.
* **Research interest and fields:**
* Digital Logic Design.
* FPGA and CPLD Implementations.
* Data Acquisitions systems.
* PCB Fabrication.
* Control systems.
* BMS.
* CAN bus protocol for vehicles.
* Design and Implementation of agricultural machines.
* Artificial Intelligence, Machine learning.
* **Experience:**
* 2002 -2003, Electron Trading, Computer Maintenance.
* 2004 -2006, (UGU, PPU), Teacher Assistant.
* 2006 - Present, (UGU, PPU), PC Applications Lab Supervisor.
* 2008 - 2017, (UGU, PPU), Field Training Coordinator.
* 2017 - 2020, (UGU, PPU), Chairman of the Field Training Committee.
* 2012 - 2017, (UGU, PPU), General Engineering Coordinator.
* 2015, Building Training Modules for Can Bus System, using CNC and PCB machines.
* 2017- 2018, Member of the design and implement team of the cucumber sorting machine (my responsibility is about control part using LabVIEW SW and Single-Board RIO controller).
* 2017 - Present, Head of NI LabVIEW Academy, PPU, Palestine.
* 2019 - Present, Administrative Assistant, Quality Enhancement and Accreditation Department.
* **Programming language and tools:**
* C, C++, C#, VB.net, Java, LabVIEW, MATLAB, Verilog, VHDL.
* Python, R, JSON, XQuey, Xpath, XSLT.
* Marklogic, Elastic search, Kibana, Anaconda (Spyder, Jupyter notbook), RStudio.
* **International Certifications:**
* 2017: CLAD, Certified LabVIEW Associate Developer, [National Instruments](http://www.ni.com/).
* 2019: MIE, Microsoft Innovative Educator.
* 2021 MarkLogic University Learning Assessments - Online training.
  + [MarkLogic Fundamentals](https://mlu.marklogic.com/assessments/test/fundamentals/).
  + [Developing MarkLogic Applications I - XQuery](https://mlu.marklogic.com/assessments/test/d1xquery/)
  + MarkLogic Data Integration.
  + MarkLogic Administration.
  + [Using MarkLogic Semantics](https://mlu.marklogic.com/assessments/test/semantics/).
* 2020 – 2021 Professional Certificate Program in Data Science - Harvard University - DataCamp, Online training.
  + 2020: Data Science - R Basics.
  + 2020: Data Science – Visualization.
  + 2021: Data Science – Probability.
  + 2021: Data Science - Inference and Modeling.
  + 2021: Data Science - Productivity Tools.
  + 2021: Data Science - Wrangling, Harvard.
  + 2021: Data Science - Linear Regression.
  + 2021: Data Science - Machine Learning.
  + 2021: Data Science – Capstone.