

# Kamal Nady

## Software Engineer

## Personal Info

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🐙 [github.com/DandelionBold](https://github.com/DandelionBold)

## Languages(Proficient)

### Programming

- Java
- C#
- Python
- C
- C++
- PHP

### Database

- MSSql
- MYSQL
- SQLite

### Style Sheet

- CSS

### Framework

- Django
- DevExpress
- Blazor
- WinForms

### Platforms

- Mobile Dev. (MAUI .NET)
- Android Dev. (Java)
- Arduino (UNO)

### Markup

- HTML
- XML
- JSON
- LaTeX

## Languages (Familiar)

### Programming

- JavaScript
- Kotlin
- R
- Haskell
- MATLAB

### Scripting

- Shell Scripting (Windows & Linux)

### Version Control

- GIT (GitHub)
- DevOps

### Platforms

- Unity Engine
- Blender

## Business Skills

- Communication
- Teamwork and Collaboration
- Problem Solving
- Agile Methodologies
- Presentation Development
- Learn and Search

## Education

2019-2023 Bachelor of Computer Science,  
Computer Science Major,  
Software Engineering Minor  
Graduated From AAST: [7,2023]  
GPA:3.4/4, Computer Science GPA:3.78/4

Object-Oriented Programming	Data Structures	Computing Algorithms
Operating Systems	System Modeling	Simulation
Networking basics	Embedded Systems Programming	Digital Image Processing
Robotics Applications	Computer Graphics	Deep Learning

## Competition

November-2020 Competitive Programming Contest - ECPC Contributed in ECPC training and competition Thirty Second Place at AAST, Alexandria

## Experience

1 Year of experience 2023 - 2024 At IronLabs, I led development, maintenance, and support of business software solutions using C#, DevExpress, and various databases. I also provided dedicated remote system administration, business intelligence services, and ERP customization for clients.

## Training

March 2021 Train as software developer at App Soft, Alexandria  
September-2022 .NET Framework mvc  
2022-2023 DataBase

## Courses

September-2019 Java SE 8: Fundamentals of Programming 40 hours  
October-2019 Java SE 8: Object Oriented Programming 40 hours  
November-2019 Fundamentals of MySQL 24 hours  
December-2019 Java SE 8: GUI Programming 40 hours  
January-2020 Java EE 8: Introduction to JDBC 24 hours  
February-2020 Java EE 8: Introduction to JavaServer Faces(JSF) Framework 40 hours  
April-2021 Android Applications Development 80 hours  
February-2023 Python Django Website 18.5 hours  
September-2023 C# .NET 40 hours  
January-2024 Blazor .NET 10 hours  
March-2024 MAUI .NET 15 hours

## Projects

### College Projects:

Term 1 - HangMan GUI  
- GPA Calculator  
Term 3 - Hospital management system  
Term 4 - Full GUI Blood Donation System  
Term 5 - Makeing full website for real clint  
Diamant dental clinics  
- Sic & Sicxe for marie architecture  
Term 6 - Customer Bank window simulation  
System  
- Factory simoulation where the gear  
stations machines  
Term 7 - Intelligent Robotic arm play XO  
using camera detection  
- Automated segmentation of white  
blood cells and classification by SVC  
Term 8 - Rubik's cube solver robot  
- Generate realistic celebrities faces  
using gans

Graduation Project: CodeSpy project main functionality is to make learning management System integrated with code plagiarism detection (supports 127 programming languages) between students in class/community and the teacher can see plagiarism percentage between them

### Side Projects:

Term 2 - 3D cube obstacle avoiding  
First summer - AI XO dinamic Grid & Rules  
- Snake auto eat  
- Connect 4  
- Minesweeper  
Term 4 - Making my own data strucures  
July 2023 - now Developed a church management  
system for Saint-Stephen-School,  
supporting religious education and  
student/teacher communication, for  
teaching of hymns, rituals, Coptic  
language, and attendance tracking.  
circle

## Volunteer

- Golden Jubilee 2022
- College Orientation Day 2021
- College Orientation Day 2022
- Student Council Study Group 2021
- Student Council Study Group 2022
- Programming Fight Club (Programming Course) 2022-2023

## Languages

Arabic:Mother Tongue, English