Yusuf Adel

• Portfolio Website • GitHub • LinkedIn

Education

- **Tanta University, Bachelor of Science in Computer Science**   Anticipated Graduation : 2024
  - Courses:Software Design, Operating Systems, Open Source, Data Structures & Algorithms
  - Activities: Google Developer Student Club Core Team Member.

Experience

- **Google Developer Students Club**   Sep 2021 – Present.
  Web Development instructor
  - Regulated Weekly Web Development classes to help students grasp the concepts of accessible UI design.
  - Instructed the core web languages of **HTML**, **CSS**, and **JavaScript**, their various roles, and rationales
  - Authored exercises and solutions, gave feedback, and oversaw a Q&A session with participants.

- **Microsoft Imagine Cup**   Dec 2021 – Mar 2022.
  PnCheck Team
  - API that returns an indicator for pneumonia affection with a **94 percent** upper bound from X-rays image.
  - Engineered web app for detecting Pneumonia in Chest X-rays image.
  - Developed pretrained Convolution Neural Network model to aid client-side predictions.

- **Sparks Foundation**   Feb 2022 – Apr 2022.
  Web Development intern
  - Prototyped a **progressive** website for a banking system based on service personnel guiding user flow.
  - Facilitated transaction functionality between multiple users.

Projects (**View More at yusufadell.app**)

Educa | Django, PostgreSQL, React, and Bootstrap, Heroku, Git   Oct 2021
- API that authenticates student and restrict access with custom permissions to courses content
- Created a versatile system to manage different types of content for the course modules
- Built a drag-and-drop functionality with jQuery UI to reorder modules and their contents.

PnCheck | Django, TensorFlow, PostgreSQL, and Bootstrap, Heroku, Git   Mar 2022
- API that returns an indicator for pneumonia affection with a **94 percent** upper bound from X-rays image.
- Engineered web app for detecting Pneumonia in Chest X-rays image.

Neat Exam | Django, PostgreSQL, React, Heroku, Git and Bootstrap   Jan 2021
- Developed fully functional online examination system that manages tasks such as creating test patterns and Q-banks
- Improved with a timer and objective/subjective questions.

Twitter Clone | Django, SQLite, jQuery ,Github, Heroku and Bootstrap   Sep 2021
- Twitter-like social network website for publishing posts – like without page reloading, robust follow system,
- Enhanced with Authentication system.

Technical Skills

Languages: Python, Java, Ruby, JavaScript, SQL, HTML, CSS, C++
Frontend: React, Redux, SCSS, jQuery, Material UI, Bootstrap, Jest, React Testing Library
Backend: Django, Flask, FastApi, MongoDB, pytest, Microsoft Azure, AWS S3, AWS EC2
DevOps: Git, Nginx, Docker, CI/CD, Github Actions, Google Analytics