Ziad HASSANIN

Junior Software Engineer; Doing SRE,
Loves anything that scales;
SREboy.com

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WORK EXPERIENCE

Junior Software Engineer
Misr Public Library at Luxor - MPLL

07/2021-08/2021 — Luxor, Egypt

Achievements/Tasks
- Team Leader, Responsible for the deployment and enviroment configurations
- Designed and Implemented the Backend, Support for Multiple types of users
- Designed and Implemented the Backend of the Website Blog
- Making sure every component is extendable, reusable

Junior DevOps
Software Engineering - CMPN203

02/2021 - 06/2021 — Giza, Egypt

Tasks
- Worked as a DevOps for a whole semester. Team consisted of 21 students.
- Made sure to explain, and apply DevOps methedologies.
- Implemented CICD from day one. Helped in managing different environments.
- Automated Monitoring, Rollback and Scripts to spin / configure a new server.
- Load balancing and Docker containers.

PROJECTS

SREboy.com/smart-settings (May/2022)
- Designed, Implemented and Maintaining the smart_settings package.
- Helps to manage python programs settings easily, Ability to modify at runTime.
- Technologies used: Python, mkdocs, Github Actions, Typer, Rich.

SREboy.com/Bastet (Jan/2022)
- Designed, Implemented and Maintaining the Bastet package.
- Helps to manage FastAPI programs easily, supports reusability and extensibility.
- Technologies used: Python, FastAPI, mkdocs, Github Actions, Typer, Rich.

Parallelism in Python and Go (April/2022)
- In-Depth analysis of Parallelism techniques in Python and Go.
- You can find more information at github.com/ZiadMansourM/Parallelism
- Also more information @ SREboy.com/talks

SKILLS

Python | Go | Rust | Bash | AWS
GitHub Actions | Docker | Kubernetes
Django | FastAPI | Nginx | Apache

ACHIEVEMENTS

Two Scholarships from USAID estimated to worth more than $160,000
Received two full scholarships from the US agency for international developement. HEI and Access.

Higher Education Initiative Scholarship – HEI
Full bachelor degree scholarship funded by USAID and managed under the supervision of Amideast Egypt. Acceptance rate was 1.6% as only 120 students were selected from 7500.

First place at Arab and Africa Collegiate Programming Contest 2019 (Team: Aurora)

(2x) Awesome Student of The Cohort – HEI
Proud that I was able to get it two times. Only Seven students are selected each semester.

English Access Micro-Scholarship, AMIDEAST
Full scholarship funded by USAID and managed under the supervision of Amideast Egypt. Acceptance rate was 20%. Two-year program consists of 9 hours/week over 3 sessions. Plus, some character building, American culture and computer skills.

EDUCATION

(Semester Abroad) Computer Engineering at San José State University (Jan 2022 -> June 2022)
Fully Funded by USAID

(BSc) Computer Engineering from Cairo University (Aug 2018 -> May 2023)
GPA: 3.27

VOLUNTEERING ACTIVITIES

EducationUSA Ambassdor | EducationUSA, U.S. Embassy Cairo
I monitor international Bachelor, Master and PhD students. Throughout the whole admission and application process. And, on how to finance their studies.

Founder of The Egyptian Science Arsenal - ESA
Online platform that aims to be as an information, experience and ideas sharing club. Was able to create an active community of 1.4k students from 14 to 24 years old

Instructor at The Egyptian Red Crescent - ERC
In times of peace The Egyptian Red Crescent is responisble for the development of local communities. I used to give lectures to students from 14 to 24 years old mainly in Education advising.

REFRENCES

Eng. Ali Hussein - Teaching Assistant
LinkedIn: @aliabdellatifhussein, Email: alielseddeek@gmail.com

Ms. Yasmine Elroweiny - EducationUSA Senior Adviser
LinkedIn: @yelroweiny, Email: yelroweiny@amideast.org