Ahmed Elmahy

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EDUCATION

Faculty of Medicine, Alexandria University   **Alexandria, Egypt**
MBBCh   *Dec 2017*

PROJECTS

Disease classifiers from RNASeq data   *Jan 2018 - Present*
- Developed software package and shiny web application aiming for an environment for clinically significant classifier development from gene expression data.[1]

Automating Facebook   *Jan 2017 – May 2017*
- Out of fun and curiosity developed a library in python to automate Facebook through selenium, facebook api etc [2].

Web scraping and text mining   *Jan 2017 – May 2017*
- Already did many web scraping and text mining with research goals, willing to develop a medical app from text mining literature in the recent future.[3]

A GUI for distributing student   *Jan 2017 – June 2017*
- With R and RGTK, I created a program which is used to assign students to elective courses at my school.[4]

Health behaviors among Egyptian sexual minorities   *2015 – 2016*
- Also out of curiosity, I was interested in exploring and supporting the sexual minorities community in Egypt, but later I did a research project and publish a paper on that [13].

CURRENT RESEARCH

Institute of computational biology, Helmholtz Zentrum Muenchen [5]   **Munich, GE**
Computational biology Intern   *Jan 2018 - June 2018*
- Implement feature selection and classification algorithms on gene expression data.
- Develop a shiny app and an R package.

PREVIOUS EXPERIENCE

Alexandria University Cancer Research Cluster[6]   **Alexandria, EG**
Intern   *Oct 2016 - Dec 2017*
- Participated in organizing the Egyptian Cancer Research Network network[7] which originated from our lab. It includes 16 Egyptian Universities and associations.
- Participated in the biorad project[8]. A collaboration project between our lab and the Italian national cancer institute.

Egybiotech Company[9]   **Alexandria, EG**
Research assistant   *Oct 2016 - Dec 2017*
- Participated in a study to validate serum biomarkers for liver cancer funded by Oncimmune, UK
- Maintained a database for the project

High institute of Public health, Alexandria University   **Alexandria, EG**
Trainee   *Nov. 2015- Jan 2016*
- Training with Dr. Shehata Farag in biostatistics.

Awards

- Carl Duisberg Fellowship from Bayer Foundation[10] to conduct research in Germany.
- Travel bursary to the course CSAMA 2018. This bursary is being sponsored by the training programme of the European Commission's Horizon 2020 SOUND project (http://www.sound-biomed.eu).

ADDITIONAL

- Passed 20 open Online courses on Coursera [11]
- Translated a book called Icons of Evolution to Arabic [12]
- Only after three months in Germany, I can speak German, but not fluent.
- Can use several R and python packages and develop new packages
- Familiar with C++, oop programming, SQL Databases, Linux, latex ..etc
- Very open-minded to learn new skills needed or not needed for work.

Links and References

[1] https://github.com/ahmedelmahy/RNASeqclassifier1.

[2] https://github.com/ahmedelmahy/Automating-Facebook.

[3] https://github.com/ahmedelmahy/webscraping_showcase.

[4] https://github.com/ahmedelmahy/elective/.

[5] https://www.helmholtz-muenchen.de/icb/index.html.

[6] http://www.aucerc.com/.

[7] http://egycrn.net/.

[8] http://www.nato-biorad.org/en/.

[9] http://egybiotech.com/.

[10] https://ahmedelmahy.github.io/1-%20Carl%20Duisberg%20Fellowship.html.

[11] https://ahmedelmahy.github.io/8%20-%20MOOCs.html.

[12] https://books.google.com.eg/books/about/%D8%A3%D9%8A%D9%82%D9%88%D9%86%D8%A7%D8%AA_%D8%A7%D9%84%D8%AA%D8%B7%D9%88%D8%B1.html?id=Wi9_DQAAQBAJ&hl=en&redir_esc=y.

[13] Ahmed Gamal Elmahy. Reaching egyptian gays using social media: A comprehensive health study and a framework for future research. *Journal of homosexuality*, pages 1–10, 2017.