ARGHAVAN ASLANI

https://github.com/arghavanaslani

https://www.linkedin.com/in/arghavan-aslani

(+98) · 938 · 8687792 ◇ aslaniarghavan@gmail.com

EDUCATION

University of Tehran, Tehran, Iran *Sep 2022*
B.Sc. in Electrical Engineering
Member of BTCS (Brain Tech and Cognitive Science Club)
Performer and Member of Council at Performing Arts Club
Overall GPA: 15.24/20

EXPERIENCE

Crowd Cognition Lab April 2022 - Present
Research Assistant *LMU, Germany*

· Have collected data with eye-trackers especially Pupil Invisible form Pupil Labs.
· Utilized data analytics techniques (statistical tests, similarity metrics, ...)
· Created data visualization based on the analysed data.
· Developed application to track and illustrate gaze data in real-time.

ESLAB July 2021 - August 2022
Lead Reseach Assistant *University of Tehran, Tehran*

· Developed a robot 2-DOF robot "Spider-Paint" that is able to get a picture as input and draw/print it on a white-board using a marker.
· Designed an algorithm in C to control two stepper motors on vertical plan using a single Arduino.
· https://github.com/arghavanaslani/spider-paint
· Authored a paper that has been accepted by the ISME Conference 2022.

CLIC July 2019 - September 2019
Market Analyst *University of Tehran, Tehran*

· Conducted in-depth analysis to identify optimal markets for eye-tracking devices.
· Scheduled and facilitated meetings with potential customes.
· Prepared and delivered weekly progress reports on the analysis.

PERSONAL AND EDUCATIONAL PROJECTS

Web Scraping for Job Advertisements in https://jobvision.ir *August 2023*
https://github.com/arghavanaslani/JobAdDB
Developed in Python.
Utilized BeautifulSoup, pandas, and requests for web scraping and data processing.
Created a custom database due to the unavailability of existing datasets in the field.

Data Analysis and Visualization on Movie Dataset *July 2023*
https://github.com/arghavanaslani/movie-analysis
Developed in Python.

CERTIFICATIONS

Task-Orienred Course in Data Analysis with Python *August 2023*
https://quera.org/certificate/7p1aeaOn/

Computational Neuroscience, Neuromatch Academy *August 2023*
https://portal.neuromatchacademy.org/certificate/ee23deef-9e73-4233-8c46-6e85375d9f1b

PUBLICATIONS

Design, Fabrication and Control of 2 DoF Robot in Vertical Plan. *May 2022*
https://civilica.com/doc/1468825/

TECHNICAL STRENGTHS

Programming Languages	Python, C, C++, SQL, MATLAB, HTML, CSS, JavaScript, R
miscellaneous	Linux, Git, Windows, LATEX, Microsoft Office