Kiarash **Hamdi**

B.E Computer · DOB: 2/26/2002

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Education

University of Zanjan (ZNU)   *Zanjan, Iran*
B.E. IN COMPUTER SCIENCE AND ENGINEERING (7TH SEMESTER)   *Sept. 2019 - Now*

- CGPA: 3.45/4 (16.26/20) - According to 'World Education Services (WES)' evaluations
- Selected Courses:
  - Computer basics: 4/4
  - Computer lab: 4/4
  - Advanced programming: 4/4
  - Discrete mathematics: 4/4
  - Systems analysis and design:4/4

Academic Experience

Implementing traffic signs detection   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *April. 2023*

- Classify and detecting traffic signs using YOLO algorithm

Implement Linux terminal   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *march. 2023*

- Implementing using C Unistd Library that can handle all commands and ampersand operand

Online shop with admin panel   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Jan. 2023*

- Nx project with Angular as front-end framework and Express Js as Back-end

Implement a compiler for mini c language   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Feb. 2022*

- A simple compiler using c language for tokenization, parsing the input code

Organizational application for managing violation   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Jan. 2021*

- implement a system for create and answering violations using C language and Ncurses library for GUI

Hospital management system   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *April. 2023*

- Project for patient, doctors and nurses using Java and Javafx for GUI

Organizational application for managing violation   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *March. 2021*

- implement a system for create and answering violations using C language and Ncurses library for GUI

River Reid game   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Dec. 2020*

- implement Atari popular game River Reid using C language and Ncurses library for GUI

Plants VS Zombies game   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *March. 2021*

- implement Plants Vs Zombies Game using Java and Javafx for GUI

Teaching Experience

TA for the course Data structure   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Sep. 2022*

- DR. A. Amiri

TA for the course Computer basics   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Sep. 2022*

- Dr. A. Azarpeyvand

TA for the course Advanced Programming for 3 semesters   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Jan. 2023 - now*
- Dr. H. Mohammadi

Work Experience

Sanay. Co.   *Zanjan, Iran*
FULL-TIME FRONT-END DEVELOPER   *Jun. 2022 - Now*
- Front end developer.
- Front end team lead.
- Code reviewer and infrastructure team member.
- Work on Lotus Parsian project.

Tavana co.   *Zanjan, Iran*
FULL-TIME FRONT-END DEVELOPER   *Sep. 2021 - July. 2022*
- Front end developer.
- Member of school bus project(Project for student and schools to managing school bus for Boston state of USA).
- Member of chain store team.
- Work on purchase module.

Honors & Awards

2020	**3% ,** Ranked within the top 3% among approximately 145,000 participants in the National Entrance Exam for Iranian universities	*Zanjan, Iran*
2017	**2nd ,** Acceptance for studying in Sampad(National Organization for Development of Exceptional Talents)	*Zanjan, Iran*

Presentation

Source controlling   *Zanjan, Iran*
PRESENTER FOR UNIVERSITY OF ZANJAN STUDENTS   *may. 2023*
- Introduced Importance of source controlling and tools.

Outreach Volunteer Activities

Volunteer member of the Scientific Association of computer Students   *Zanjan, Iran*
DEPARTMENT OF COMPUTER, ZNU   *Jun. 2021 - Now*
- Organizing events such as weekly seminars, night sky observation tours, and promotional programs like 'Physics Department Open Day.

Skills

Technical skills   Python, Machine Learning (Tensorflow, Keras), YOLO, Angular, Typescript, JavaScript, Git, C, Java , SQL , Monerepo, Scrum, Agile

English   IELTS Exam will be taken soon

Research Interests

Artificial Intelligence , Machine learning , deep learning , computer vision , Image Processing , Natural Language Processing , Software Engineering , distributed system

References

Dr. A. Amiri   **Dr. A. Azarpeyvand**
Department of computer engineering   Department of computer engineering
University of Zanjan   University of Zanjan
Associate Professor   Associate Professor
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