Somaye Hoseinpur

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🔗 WebPage
⌗ GitHub
in LinkedIn

EDUCATION

- **Brandenburg University of Technology** — Cottbus, Germany
  M.Sc. Cyber Security — *Oct. 2021 - present*
  - **Seminar**: Trace Oddity: Methodologies for Data-Driven Traffic Analysis on Tor   [Github Profile]
- **Roshdiyeh Higher Education Institute** — Tabriz, Iran
  B.Sc. Computer Software Technology Engineering — *Oct. 2012 - Aug. 2015*
  - **Thesis**: Penetration Testing websites using Metasploit Toolkit
- **Roshdiyeh Higher Education Institute** — Tabriz, Iran
  Associate's degree in Information and Communications Technology — *Sep. 2010 - Sep. 2012*
  - **Thesis**: Analyzing security mechanisms in Linux kernel

EXPERIENCE

- **Technical University of Kaiserslautern** — Kaiserslautern, Germany
  Research Assistant - System Administrator in Civil Engineering Department — *Mar 2021 - Nov 2021*
  - **BiM LAB Project**: Configuring Dell PowerEdge R540 Rack server for using in BiM Lab, Setting up accounts and workstations, Installing and configuring architecture softwares on clients' computers, Monitoring performance and maintaining systems, Ensuring security through access controls, backups and firewalls
- **Technical University of Kaiserslautern** — Kaiserslautern, Germany
  Research Assistant - Cyber Security intern in Electrical and Computer Engineering Department — *Nov 2019 - Jul 2020*
  - **Industrial Project**: Integrating Security into Wireless Network in a lab environment using Mosquitto server, Configuring MQTT protocol in server on Ubuntu OS
- **Technical University of Kaiserslautern** — Kaiserslautern, Germany
  Research Assistant - Content Manager in Mechanical and Process Engineering Department — *Nov 2019 - Aug 2020*
  - **Department's website**: Managing Typo3 CMS of the department's website, Organizing academic papers using Citavi software, Maintaining website and updating links
- **Pars Online group of companies** — Tabriz, Iran
  Full Time - Network Technician — *Sep 2014 - Mar 2017*
  - **Network Technician**: Organizing and scheduling upgrades and maintainting systems, Performing regular data backups to protect the organization's information, Performing troubleshooting to system failures and identifying bottlenecks to ensure long term efficiency of network
- **East Azerbaijan Telecommunication Company** — Tabriz, Iran
  Full Time - IT Support Technician — *Mar 2014 - Sep 2014*
  - **IT Support Technician**: Troubleshooting VPN and network connectivity for customers, Providing technical support to internal and external clients through various channels of communication (phone, chat, e-mail), Providing local and remote desktop and system support, Writing detailed documentation of supports
- **Hamara Systems Engineering Company** — Tabriz, Iran
  Full Time - IT Support Technician — *Oct 2013 - Mar 2014*
  - **IT Support Technician**: Testing connectivity Faults and Configuring ADSL, Providing remote troubleshooting of internet connectivity issues, Assisting customers with cloud-based services including VOIP and Office 365, Managing and updating support cases via the ticketing system
- **Zoomit Technology News Website** — Tehran, Iran
  Part Time - Translator - Persian, English — *Feb 2015 - Sep 2018*
  - **Translator**: Translating, Writing and posting content online (English/Persian), Working with developers staff to assess any technical challenges in displaying the content, Helping develop and document articles to manage Web content, Coordinating content creation and publishing with Joomla and Wordpress, Submitting materials in the required and expected format

SKILLS

- **Programming Languages**: Python, Swift
- **Programming Frameworks**: PyTorch, OpenCV, Huggingface, Pandas, NumPy, Matplotlib, Seaborn
- **Deep Learing Frameworks**: Tensorflow, PyTorch
- **Tools**: Kubernetes, Docker, Git, UML, LaTeX, MySQL, Citavi, Xcode
- **Graphic Softwares**: Adobe [Lightroom, Photoshop, InDesign, Illustrator], Procreate, Final Cut Pro X

Honors and Awards

- Winner of Mathematics Festival in Middle School for National Organization for Development of Exceptional Talents (NODET) competition, Tabriz, Iran. June 2005

- Ranked First among all top High School students for the National Computer skills and programming competition event, Tabriz, Iran. May 2009.

- Received OneInTech Scholarship by ISACA USA organization, Cottbus, Germany. December 2022

Certificates

- **Machine Learning Specialization**: Coursera, Stanford Univeristy [Certificate Link]
- **Mathematics for Machine Learning Specialization**: Coursera, Imperial College London [Certificate Link]
- **Python3 Programming Specialization**: Coursera, Stanford Univeristy [Certificate Link]
- **Crash Course on Python**: Coursera, Google [Certificate Link]
- **Verified International Academic Qualifications**: World Education Services [Certificate Link]

Volunteering Experience

- **AIESEC Germany** — Kaiserslautern, Germany
  Social Media Manager — *Mar 2021 - Nov 2021*
  - **Telegram Channel**: Setting up a Telegram channel to publish volunteer projects for students who want to join a volunteer project abroad, Creating graphics using Canva for the website, Joining weekly/monthly meetings

- **Labor and Social Pedagogial Center (Arbeits- und sozialpädagogisches Zentrum)** — Kaiserslautern, Germany
  Interpreter and Translator — *Jul 2019 - Dec 2019*
  - **Translator**: Providing assistance to refugees in their daily needs such as translating documents, accompanying them to doctor's appointments etc.

- **German Red Cross (Deutsches Rotes Kreuz)** — Kaiserslautern, Germany
  Teaching Assistant — *Jul 2019 - Oct 2019*
  - **German Language Course**: Helping German language teacher in the form of translating contents from German to Persian, Turkish, and Azerbaijani languages.

Professional Memberships and Affiliations

- Member of ISACA organization, Germany Chapter

Languages

- **English**: Full Professional Proficiency
- **German**: Intermediate
- **Persian**: Native
- **Turkish**: Native