ISMAIL ALTUNDAG

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EDUCATION

Master of Science, Information Technology   **Aug 2022**
  University of Cincinnati, Cincinnati, Ohio   GPA: 4.00/4.00

Bachelor of Science, Mechanical Engineering   **June 2017**
  Karabuk University, Karabuk, Turkey   GPA: 3.27/4.00

SKILLS & CERTIFICATIONS

Languages: Java, Python, HTML, CSS, JavaScript
Operating Systems: Windows, Mac OS, Linux
Databases: MYSQL, Microsoft SQL Server
Software and Tools: Spring Boot, Django, Visual Studio Code, VMWare, Hyper-V, VirtualBox,
Certifications: Google IT Support Certification from COURSERA, My SQL Database – Beginner to Expert from UDEMY, Penetration Testing: Advanced Kali Linux certification on LinkedIn, HTML Essential Training, JavaScript: Classes, JavaScript: Scope, HSR CORE for 2017 Program
Relevant Coursework: Computer Programming with Java, System Administration, Database Management with SQL Server, Information Security and Assurance, Information Technology Graduate Seminar, Information Technology Research Methods, Human Computer Interaction and Usability, Enterprise Security and Forensics, Advanced System Administration, Machine Learning and Data Mining, Python for non-programmer,

PROFESSIONAL EXPERIENCE

Volunteer Software Developer   Dec 2022– Present
Rnd4Impact, Mountain View, CA, United State
- Weekly reports, Daily check-in/out via Emails, Google Sheets, and Time Tracking Web Application.
- Mentoring students on a number of games such as a snake game, pong, crossroad, and many others using Python.
- Develop web applications using Spring Boot
- Learn necessary Java frameworks

Covid Response Team- Contact Tracer   Sep 2021– Feb 2022
University of Cincinnati Health Centre, Cincinnati, OH, United State
- Answer phone calls and respond to emails from the client.
- Identifying issues about UC Covid App, documenting them, and then escalating the issue to the appropriate party.
- Contact the individual with a positive COVID test to give direction and supportive resources regarding isolation.
- Determine close contacts - students, faculty, or staff - that have been in contact with the individual who tested positive.
- Contact impacted individuals and provide information regarding next steps based on vaccination status, including the quarantine process.
- Upload proof of vaccination using the Salesforce.

Mechanical Engineer   Aug 2020 – Aug 2021
NZ Cladding Systems, Auckland, New Zealand
- Programing and manage CNC equipment from setup to operation, producing parts and tools from different resources including metal and plastic.
- Monitoring machinery, inspecting finished products, and leading test run.
- Identifying deficiencies in mechanical processes and developing improvements
- Designing, developing, analyzing, and testing prototypes.
- Convert/create drawings of computer-aided design (CAD) project drawings.
- Preparing documentation of critical analysis and providing suggestions for correcting errors
- Collaborating with Project Managers for proper allocation and tracking of resources
- Leads the development of project quality management plans
- Batch review and product releases

Mechanical Engineer   Feb 2019 – Jan 2020
Elmaksan Submersible Pumps, Istanbul, Turkey
- Programing and manage CNC equipment from setup to operation, producing parts and tools from different resources including metal and plastic.
- Monitoring machinery, inspecting finished products, and leading test run.
- Identifying deficiencies in mechanical processes and developing improvements

- Designing, developing, analyzing and testing prototypes.
- Convert/create drawings of computer-aided design (CAD) project drawings.
- Preparing documentation of critical analysis and providing suggestions for correcting errors
- Collaborating with Project Managers for proper allocation and tracking of resources
- Performance of Risk analysis

Mechanical Engineer   Feb 2018 – Feb 2019
Turkish Armed Forces, Istanbul, Turkey
- Find out and solve any problems with combat and special purpose vehicles, land weapons, electronic and optronic sensors, instrumentation and communications systems, and heating and cooling system, and provide the best help and guidance to technician that work for army. Also, to make sure safe handling and storage of petroleum products and ammunition.
- Developed test plans and test cases, including performance test plans and security test plans.
- Assisted lead QA tester with the creation of master test plan.
- Drafted testing reports, reducing data to key insights that helped increase team efficiency by 31%.

ACADEMIC PROJECTS

Real-Time Credit Card Fraud Detection   **Dec 2021- May 2022**
University of Cincinnati, Ohio, US
- Conducted research proposal on this topic, where we designed a proposal to use data mining to process a dataset from Kaggle and use different machine learning algorithms to tarin the machine to detect if a transaction is fraudulent.

Brute Force Attack Detection Using Wireshark   **Dec 2021- May 2022**
University of Cincinnati, Ohio, US
- Installed and set up an ftp server on Kali Linux to conduct brute force attack and monitored it using Wireshark. Also created a simple Python program to determine if the password is strong enough.

Designed 5 Axis CNC Router Machine   **Aug 2016- Jun 2017**
Karabuk University, Karabuk, Turkey
- Conducted research proposal on this topic, where we designed and built a 5-axis machining with the use of a computer numerical control (CNC) to simultaneously move cutting tools or parts along five axes.

ACHIEVEMENTS, WORKSHOPS AND EXTRACURRICULAR ACTIVITIES

- KYK Scholarship Awards for 5 years   **2012- 2017**
- TUBITAK Scholarship Awards, 5 Axis CNC Router Machine   **2017**
- Honor Student   **2012-2017**