Namuuntuul Bat-Erdene

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EDUCATION

Drexel University **Philadelphia, PA**

Bachelor of Science in Computer Science | GPA: 3.57 📅 *Sept 2015 - June 2020*

SKILLS

Languages: Python, Java, HTML/CSS/JavaScript, SQL, Bash, C#, C++

Database Administration: PostgreSQL, Oracle, MongoDB, NoSQL

Technologies: React, .NET Framework, Streamlit, Numpy, Selenium

Operating Systems: Windows, Ubuntu

Project Management: Git, Team Foundation Server (TFS), Agile Scrum, Kanban

EXPERIENCE

Undergraduate Teaching Assistant **Sep. 2018 - Jun. 2020**

Drexel University *Philadelphia, PA*

- Courses assisted: Computing Informatics Design and Python Programming.
- Acted as Scrum master for several student project groups using Kanban methodology.
- Lead weekly labs and office hours to assist students with course material and graded their course work.

Visiting Academic Co-op **Apr. 2019 - Sep. 2019**

Federation University *Ballarat, Australia*

- Worked with Dr. Alireza Jolfaei and his research team on 'Trustworthy machine learning', which aims to enhance the trustworthiness of machine learning concepts, techniques, and technologies.
- Developed materials and methods for data collection and analysis.

Application Software Developer Co-op **Apr. 2018 - Sep. 2018**

Educational Commission for Foreign Medical Graduates *Philadelphia, PA*

- Developed web-based application using REACT in an Agile environment to replace legacy.
- Maintained and deployed applications using .NET Framework and Oracle to support enterprise operations.

Software Quality Assurance Analyst Co-op **Apr. 2017 - Sep. 2017**

Educational Commission for Foreign Medical Graduates *Philadelphia, PA*

- Worked in a Scrum team to assess the quality of deliverance using both manual and automated testing methods using Test Complete.
- Created and processed scripts daily for data sanity checks using SQL Navigator.
- Created a simple WPF(.Net core) application for performing data checks which reduced manual querying time by 50%.

PROJECTS

eXATAS *Senior Research Project*

- Conducted experiments in a team of 6 using python, and SciBert to simulate the way people learn to trust sources by assessing the similarity between an input query and the result for scholarly articles.

COVID-19 Watch *covwatch.herokuapp.com*

- Built a COVID-19 visualization app using machine learning and Streamlit, a Python framework, to show real time data of the virus notifying users of newly reported cases.