Zeynep Erdogru

Software Developer

✉ zeyneperdogru99@gmail.com

▣ zeyneperdogru.com

📍 Guelph, Canada

in linkedin.com/in/zeynep-erdogru99

EDUCATION

Bachelor of Computing Honours Computer Science

University of Guelph

09/2018 - 08/2023   *Guelph, ON*

Minor
- Marketing Management

WORK EXPERIENCE

Software Developer Intern

Definity

09/2023 - 12/2023   *Toronto, ON*

Definity Financial is the parent company of property and casualty insurance companies, including Economical and Sonnet Insurance

Achievements/Tasks
- Worked with Senior Engineers to design and implement a File Ingestion Framework to ingest data to Google BigQuery using BigQuery Python APIs and Airflow.
- Executed comprehensive validation testing using Hive and BigQuery to ensure data accuracy and consistency.
- Conducted performance testing on data processing pipelines to ensure efficient handling of large datasets.

Contact : Maanvee Mendiratta - maanvee.mendiratta@definity.com

Undergrad Teaching Assistant

Univeristy of Guelph

09/2021 - 04/2023   *Guelph, ON*

Tasks
- CIS*2170: User Interface Design • Fall 2022 - Winter 2023 • Instructed labs and taught UI/UX concepts, including creating wireframes and prototypes, conducting usability studies, and developing personas.
- CIS*2030: Structure and Application of Microcomputers • Fall 2021 • Instructed students on the Motorola 68K microcomputer and Assembly language.

IT Technician

CCS, Managed Desktops, University of Guelph (co-op)

01/2022 - 09/2022   *Guelph, ON*

Managed Desktops is a technicial support service for all computers (enrolled in the service) including software and hardware issues.

Achievements/Tasks
- Worked with systems management software e.g. Microsoft SCCM in a mixed Windows and MAC environment.
- Documented technical issues and solutions for future reference.
- Worked with clients to troubleshoot Hardware and Software problems.

SKILLS

Backend & Frontend: Python, Java, C, C#, JavaScript, React

Design Tools: Illustrator, HTML+CSS, Figma, Sketch, Miro

Database Management: MySQL, Postgres, MongoDB

Data Processing: Apache Airflow

Other: Google Cloud Platform (GCP), CloudSQL, BigQuery, YAML, JSON, Microsoft Endpoint Configuration, Active Directory, Docker, Oracle, JUnit, R, Microsoft Power BI, Excel, Outlook, JIRA

PROJECTS

React web application (Academic Project)
- Project REBL is a web-based application designed to facilitate the analysis and visualization of social media data related to political corruption. The application utilizes two APIs, namely Reddit and Google Trends, to collect and process data from various social media platforms.
- I worked as a full-stack developer, designed frontend UI using Figma and implemented essential updates to endpoint fetches, enabling seamless access to statistical data. Designed functionalities to fetch data from various Reddit subreddits, and stored in a MongoDB database. Utilized HTML, CSS, and JavaScript to create a responsive landing page.

Scanner (Academic Project)
- Implemented a scanner in Java using JFlex. The scanner is intended to filter out irrelevant information in textual documents marked by SGML tags and convert the remaining relevant information into a simple format. By analyzing the structure of SGML tags, I also developed regular expressions to recognize and distinguish between open tags and close tags.

GPX Parser
- Developed a full stack GPX parser web application using C for backend and Javascript, HTML/CSS for front end. The application contains a GPX file manipulation library written in C, uses JQuery to interact with the library, storing relevant data in a MySQL database and allows interaction and displays the result on a userfriendly web interface written in HTML/CSS.

CERTIFICATES

•Data Engineering Foundations

•Windows 10: Troubleshooting for IT Support

LANGUAGES

English
Native or Bilingual Proficiency

Turkish
Native or Bilingual Proficiency

German
Limited Working Proficiency