SOFHIA ISABEL G. BESTIL

BS in COMPUTER SCIENCE

Technological Institute of the Philippines (TIP) QC

Address: **56 San Pablo St. Bagumbayan, Quezon City**

Email Address: **sofhiabestil@gmail.com**

Cellular No.: **09757304889**

CAREER OBJECTIVE

As a determined student, I wish to harness my enthusiasm for programming and utilizing data to solve problems. I can quickly learn and gain a comprehensive understanding and experience while effectively executing my responsibilities. I am looking for an internship opportunity in data analysis, development, and software engineering to develop my skills further and gain valuable professional experience.

DESIGN PROJECTS COMPLETED/ RESEARCHES

Sentiment Analysis of Tweets About Online Classes During Covid-19 Pandemic in the Philippines Using Naïve Bayes Algorithm

- Assign as Team Leader

This study aims to analyze the online education sentiments of students, teachers, as well as other stakeholders in the Philippines from the tweets collected from Twitter within the time period of the start of the implementation of online classes from March 2020 to December 2022, using the Naïve Bayes Algorithm to produce sentiment analysis results.

A Comparative Analysis of Data Science Role Parameters and Salaries Globally from 2020-2022

- Assign on data cleaning, presentation, and documentation.

Data Science is a field of study that focuses on analyzing data to have actionable insights. Therefore, utilizing the capabilities of Data Science, this study will focus on a comparative analysis of Data Science role parameters and salaries globally retrieved from 2020 until 2022.

Parts of Speech Quiz Game using flutter & Dart

- Backend and UI developer, and documentation

The Parts of Speech Quiz app is a supportive learning game for practicing the parts of speech in the English language. This software helps increase vocabulary and improve reading comprehension of the people, it's also helpful to hone current knowledge while stimulating interest in the new questions. The quiz application covers the eight parts of speech: Nouns, Pronouns, Verbs, Adjectives, Adverbs, Prepositions, Conjunctions, and Interjections.

BarangEye Online Website using PHP with MySQL Database

- UI developer and documentation

The "BarangEye " is a management system that aims to provide electronic governance through the computerization and automation of the operations of the barangay. It is a system that can provide better control of barangay transactions that could lead to more effective use of government resources.

KEEP: A System for Managing Dynamic Electronic Portfolio Utilizing BCrypt and Secure Hash Algorithm (SHA - 1)

- UI developer and documentation

KEEP is a platform where users can create an ePortfolio that can be shared online and also have the option to privatize it at any time. Agile development methodology was used to gain better control over the development process and ensure that all requirements for this study were met. The Bcrypt algorithm was used by the developers to secure and generate hashed passwords for the users' accounts. Secure Hash Algorithm (SHA-1) is used in conjunction with uniqid to generate unique tokens for the user's shareable links portfolio. Other security measures have been implemented on the KEEP website to reduce or prevent web vulnerabilities such as Denial of Service attacks, Session Hijacking & Session Fixation, Cross-Site Scripting Attack, HTML Injection, SQL Injection, and Directory listing.

ON-THE-JOB TRAINING/ PRACTICUM/ INTERNSHIP EXPERIENCES

- Youth Committee - Secretary
  Bagumbayan Multi-Purpose Cooperative
  45 San Roque St. Bagumbayan, Quezon City, PH
  September 05, 2022 – Present
  (02) 637 7982

  It's voluntary work where we create a program for youth and a project that help to make the Bagumbayan Multi-purpose Cooperative well known.

- Online Maps Quality Analyst English (PH)
  TELUS International
  Emmet St, Ballina Co. Mayo, Ireland
  July 05, 2021 - October 12, 2021

  It evaluates online mapping and routing-related tasks to improve their content. We research and use online tools to investigate the geographic accuracy of the given task.

- Intern
  Fil Power Group & Marketing Corporation, Quezon City
  18th Avenue, Cubao, Quezon City, Metro Manila
  January 11, 2021 - May 03, 2021

  o Encode all the official receipts of the item bought from the company.
  o Assist with troubleshooting router and computer.
  o Help out with organizing papers for the company
  o Handle withdrawing and depositing money to the bank.

KNOWLEDGE, SKILLS AND ATTITUDE

As a student from TIP with its orientation towards outcome-based education, I have acquired. I can demonstrate the following student acquire outcomes necessary to the practice of the computing profession:

Knowledge

- Analyze complex problems and identify and define the computing requirements appropriate for the solution.
- Use modern techniques and tools of computing practice in complex activities.
- Understand professional, ethical, legal, security, and social issues and responsibilities relevant to professional computing.
- Have knowledge of website, mobile, and game development.
- Knowledgeable in applied plotting, Charting, and Data Visualization.
- Understand the concepts of applied text mining and text manipulation.

SKILLS

- Problem solving skills
- Analytical skills
- Communication skills
- Adaptive
- Interpersonal skills
- Leadership skills
- Management Skills
- Project Management
- Ability to do multi-task
- Time Management and Organization.

Soft Skills

- Proficient in using Google workspace
  - Docs
  - Sheet
  - Slide
  - Site
  - Drive
- Proficient in using Microsoft such as:
  - Word
  - Excel
  - Power point
- Intemediate knowledge on using Github
- Intermediate Figma

Technical Skills

- Programming Language
  - Basic Knowledge in Java, React JS
  - Intermediate knowledge in C, C++, C#, Python
- Database Management
  - Basic MySQL and MariaDB
- Mark Up Language
  - Intermediate HTML
- Framework
  - Basic Flutter
  - Intermediate CSS and Bootstrap

ATTITUDE

- A life of Honesty and Integrity
- Action towards Service
- A mindset of Humility

- Accountability
- Adaptability
- Commitment

LEADERSHIP ACTIVITIES

Member of ACM TIP chapter

- 2019 - 2021

Joined in Hult Prize Bootcamp

- 2019 - 2020

Student Teacher at Camp General Emilio Aguinaldo

- 12/12/2016 - 12/16/2016

Christian Youth Leadership

- 06/2016

SEMINARS AND TRAININGS ATTENDED

- Outstanding performance in the online training on Intermediate Data Analytics
  IntelligenceBayan Academy Zoom
  November 18, 2022

- StackLeague x Abakada Studios Career Session: Ideating the Digital Classroom Using Gamification
  Facebook Live
  August 24, 2022

- Participating the online training on Intermediate Artificial IntelligenceBayan Academy Zoom
  July 13, 2022

- Outstanding performance in the online training on Intermediate Artificial IntelligenceBayan Academy

  Zoom
  July 13, 2022

- Accelerating Data
  ScienceTech
  Shake Zoom
  June 16, 2022

- ASEAN Data Science Explorers - Data Analytics Workshop ASEAN
  Zoom
  April 30, 2022

- Intelligent and Professional Interaction

  Zoom
  April 04, 2022

- JPCS Data Science with Python Webinar JPCS

  Zoom
  March 18, 2022

- JPCS: Introduction to Blockchain Technology Webinar

  Google Meet
  February 26, 2022

- Tesda WEB DEV Level III

  Informatics College affiliated with Tesda
  June 10, 2019

EXTRA AND CO-CURRICULAR ENGAGEMENTS AND VOLUNTEER WORKS

- Community Outreach at Botocan QC
  Treasurer, and Coordinator
  December 13, 2022

- Anawim Home of God's Poor The Outreach Program of Math Department of CGEAHS With Math and Damath Officers
  Grade 9 Representative in Math Officer
  August 21, 2015

AFFILIATION

- 2022-2023 VPAA's Lister
  First Semester
  Technological Institute of the Philippines, Quezon City

- 2021-2022 Dean's Lister Academic Scholarship
  First Semester
  Technological Institute of the Philippines, Quezon City

- 2020-2021 VPAA's Lister

Second Semester
Technological Institute of the Philippines, Quezon City

- Scholar of Lao Foundation
  - (College)
  - 65 Calle Industria, Bagumbayan Quezon City
  - Year 2019 – Present

- Scholar of Brgy. Bagumbayan QC
  - (Senior High School)
  - Bagumbayan Quezon City
  - Year 2017 – Year 2018

- Scholar of Ladies of Charity
  - (From High School to Senior High School)
  - Christ the king Parish Green Meadows Ave, Bagumbayan Quezon City
  - Year 2011 – Year 2018

REFERENCE

Sheena Fidelson
Program Coordinator
Lao Foundation
smfidelson@dnl.com.ph
09171548510

Jasmin Alonzo Caliwag
full-time faculty member and an IT OJT Faculty-in-Charge
Technological Institute of the Philippines
jcaliwag.it@tip.edu.ph 0917-895-0496