**Henry G. Wu** henry.g.wu@gmail.com • (410) 236-0274

Website: https://henrygwu.github.io/background/

GitHub: https://github.com/henrygwu

**Education**

**Master of Science, Applied Information Technology** Towson University, Towson

Graduated: December 2021 Fisher College of Science & Mathematics

Graduate Certificate: Database Management Systems | Received: May 2021 GPA: 3.9

**Bachelor of Science, Finance** University of Maryland, College Park

Graduated: May 2009 Robert H. Smith School of Business

**Graduate Program Experience**

*Microsoft SQL Server and Power BI Implementation – Case Study Individual Project* Dec. 2020 – May 2021

* Defined user requirements necessary for an inventory management database.
* Designed Entity Relationship Diagrams and Data Dictionary to convey design of the database.
* Created SQL codes such as stored procedures, triggers, error checking, inserts, deletes, and updates in utilizing the database.
* Connected Microsoft SQL Server to Power BI to create reports and visualizations from the data obtained from the database.
* Performed differential backup of database and assigned permissions for users.

**SkillsComputer Skills/Software**

* + Microsoft (Access, SQL Server, Power BI, Report Builder), HTML, CSS, React, Node.js, Bootstrap, JSON, Jupyter Notebook

**Programming Languages**

* + SQL (Intermediate), Java (Basic), JavaScript (ES6+ Intermediate), Python (Basic)

**Work Experience**

**Towson University, Towson, MD** Jan. 2014 – Present

*Fixed Asset Accountant*

* Assist in the oversight and recordation into the general ledger system the cost of newly acquired fixed assets, disposals, and depreciation.
* Update and modify queries within a Microsoft Access file linked to a Financial Statement Excel spreadsheet to update the Financial Statements.
* Model data and perform long-term debt dashboard reporting using Microsoft Power BI.
* Extract and automate data manipulation in University System of Maryland’s debt schedule using Pandas from the Python library.

*STRATUS ERP Project*  Jan. 2020 - Present

* Serve as a subject matter expert during the project in implementing Oracle Cloud for Capital Projects, Fixed Assets, and Reporting.
* Participate in several meetings during the Design and Implementation phase of the Development Life Cycle.
* Advise on requirements needed for various modules to ensure they are properly designed.
* Write test scripts on several modules to ensure requirements are met.

*Business Objects Enterprise (BOE) Business Intelligence Conversion Project*  Mar. 2020 – June 2021

* Served as the functional lead in identifying data requirements from the Accounting department while collaborating with the Business Intelligence department.
* Created, read, and modified SQL during conversion from BOE to SQL Server Reporting Services (SSRS) Report Builder to obtain complex financial data pulled from several joined tables within the financial database.
* Wrote parameterized queries, expressions, and defined data source for the reports.
* Successfully helped convert all 65 reports from BOE to SSRS that relate to various expenditure and revenue transactions as well as assets and liabilities.

**PHH Arval Corporation, Hunt Valley, MD** July 2010 – Sept. 2012

*Accounting Analyst*

* Created and modified queries within mainframe to collect data for ad-hoc reports.
* Performed data analytics and created data visualizations to support upper management in their business decision-making.