het **Gray** he/they Software Developer • Pythonista • Data Specialist

in linkedin.com/in/chetgray 📢 github.com/chetgray 🕩 chet.gray_* repos on ADO Education Tear

• Louisville, KY



Asking questions, coding hard, always improving.

SKILLS

Waystar coding standards, agile development, Azure DevOps

Data SQL (SQL Server, Azure SQL, PostgreSQL, JOINs, stored procedures, etc.), Pandas, NumPy HTML & CSS, ASP.NET MVC, API development, JavaScript / TypeScript (jQuery, React), Jekyll Web Other C# / .NET Framework, Python, Git, Linux, Google Apps Script, VBA Excel, LTCX, coffee tasting



present

Software Development Apprentice, Technical Education, WAYSTAR, Louisville, KY

Waystar's innovative technology simplifies and unifies the revenue cycle, helps improve financials and creates greater transparency for patients.

- > Apprenticing under Mark Hamner on Waystar's Architecture, Technical Education Team since August 2022, attending JCTC one day a week and working 4 days a week full-time with Mark.
- ➤ Coded 20+ applications / assignments to demonstrate fluency in the concepts taught, including console apps, web applications using the MVC design pattern with cshtml / Razor, applications that leaned heavily on JavaScript and jQuery, and applications that interacted with databases.
- > Designed databases and normalized to 4NF.
- > Created stored procedures that utilized JOINs and Transactions.
- > Participated in debugging challenges, seeing who was fastest to find & fix a bug Mark created.
- ➤ Used Waystar standard tools, such as ADO, and applied Waystar's Agile methodology and Sprint process.
- Currently working on a group project, creating a Connect 4 multiplayer app that leverages databases to facilitate multiplayer.

C#/.NET Framework | SQL Server | ASP.NET MVC | ASP.NET WebAPI | JavaScript / ¡Query | Azure DevOps

2022 Data Specialist, BRADY INTEL, remote

Brady Intel is a boutique consulting firm that helps companies predict and control business outcomes.

- > Optimized scraping and storage of massive amounts of time series data.
- > Transformed data for display in a dashboard to provide client with business insight.
- ➤ Migrated data storage to Azure SQL for more robust access.
- > Established automated pipeline for future data processing.

Python Pandas Azure SQL SQLite Power BI

2022 Head Roaster and Roasting Technician, Heine Brothers' Coffee, Louisville, KY

2011

- > Designed database for roasting data, used in analysis of over 30,000 batches of coffee.
- > Developed production planning system that improved efficiency as volume more than doubled.
- > Implemented Kanban packaging system, optimizing stock levels for a growing mailorder program.
- > Determined and maintained production goals and QC standards.

> Tasted a lot of coffee.

NetSuite VBA Excel Google Apps Script PostgreSQL

2013 2009

Assistant Manager and Barista, Heine Brothers' Coffee, Louisville, KY

- ➤ Used forecasting to maintain stock levels of perishable goods.
- > Onboarded and trained staff in technical skills and store logistics.

Excel Google Sheets



present	Jefferson Community and Technical College, COMPUTER INFORMATION TECHNOLOGY, Louisville, KY
2022	Currently pursuing an Associate's of Science as part of the bit502 program.
	C / .NET Python JavaScript jQuery network administration hardware troubleshooting
2019	Code Louisville, Louisville, KY
2018	Python for Data • C#/.NET • Front-End Web Development
	Git Python Pandas C# React D3.js JavaScript CSS HTML5
2008 2005	University of Kentucky, COMPUTER SCIENCE, Lexington, KY
	C++ algorithms data structures Perl Unix



C# .NET Core

WAYSTAR EDUCATION BIT502 PROJECTS

2022 - PRESENT

chet.gray_* repos on Waystar ADO Education Team Some example projects:

- ➤ chet.gray_StarWars.WebApi An ASP.NET WebAPI for RESTful access to information about Star Wars characters, with a SQL Server backend.
- ➤ chet.gray_BuildingConferenceRoomInfo An ASP.NET MVC app for accessing information about buildings and conference room capabilities, with a SQL Server backend.
- ➤ chet.gray_Claims A console app to manage claims information, with a SQL Server backend.

 $\begin{tabular}{ll} \hline $\tt C\#/.NET\ Framework \end{tabular} & SQL\ Server \end{tabular} & ASP.NET\ MVC \end{tabular} & ASP.NET\ WebAPI \end{tabular} & JavaScript\ /\ jQuery \end{tabular} & Azure\ DevOps \end{tabular}$

ROAST_DATA - COFFEE ROASTING TEMPERATURE ANALYSIS igithub.com/chetgray/roast_data Pandas NumPy Jupyter Notebook Python ROASTLOG - COFFEE ROAST PLOTTING WEB APP github.com/chetgray/roastlog D3.js jQuery JavaScript EMMENTALER - SWISS-SYSTEM TOURNAMENT ORGANIZER github.com/chetgray/Emmentaler