Chet GRAY HE/THEY

Software Developer • Pythonista • Data Specialist

- linkedin.com/in/chetgray
- github.com/chetgray
- chet.gray_* repos on Waystar ADO
- (502) 419-7008
- chet.gray@waystar.com
- 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
Web	HTML & CSS, ASP.NET MVC, API development, JavaScript / TypeScript (jQuery, React), Jekyll
Other	C# / .NET Framework, Python, Git, Linux, Google Apps Script, VBA Excel, LaTeX, coffee tasting

💼 EXPERIENCE

present — 2022

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 / jQuery` `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 — 2011

Head Roaster and Roasting Technician, HEINE BROTHERS' COFFEE, Louisville, KY

- ❯ 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 mail-order 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`

🎓 Education

present 2022	**Jefferson Community and Technical College**, Aᴀssociate in Applied Science, Louisville, KY Computer Information Technology Currently pursuing an Associate in Applied Science as part of the bit502 program. Expected completion in December 2023. C#/.NET · Python · JavaScript · jQuery · MongoDB · Mongoose · MySQL · network administration · hardware troubleshooting
2019 2018	**Code Louisville**, Louisville, KY Python for Data • C#/.NET • Front-End Web Development Git · Python · Pandas · C# · React · D3.js · JavaScript · CSS · HTML5 · responsive web design
2008 2005	**University of Kentucky**, Lexington, KY Computer Science C++ · algorithms · data structures · number theory · Perl · Unix

💻 Projects

Waystar Education bit502 projects   2022 - present

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

> </> bit502.2022_ConnectFour — Console-based implementaion of the game Connect Four, with a SQL Server backend for remote human-v-human play, and a (somewhat) smart AI opponent.

> </> chet.gray_StarWars.WebApi — ASP.NET WebAPI for RESTful access to information about Star Wars characters, with a SQL Server backend.

> </> chet.gray_StarWars.WebApi.Proxy — Proxy library for using the StarWars.WebApi in .NET applications.

> </> chet.gray_OpenAPIs.Client.Console — Console app to fetch information from several open web APIs.

> </> chet.gray_BuildingConferenceRoomInfo — ASP.NET MVC app for accessing information about buildings and conference room capabilities, with a SQL Server backend.

> </> chet.gray_Claims — Console app to manage claims information, with a SQL Server backend.

 C#/.NET Framework · SQL Server · ASP.NET MVC · ASP.NET WebAPI · JavaScript · jQuery · Azure DevOps

ROAST_DATA – COFFEE ROASTING TEMPERATURE ANALYSIS   2018

○ github.com/chetgray/roast_data

 Pandas · NumPy · Jupyter Notebook · Python

ROASTLOG – COFFEE ROAST PLOTTING WEB APP   2018

○ github.com/chetgray/roastlog

 D3.js · jQuery · JavaScript