

Claude V. Aldric

Software Engineer

Skilled in full-stack software development using the Agile Scrum framework. Over 5 years of experience as a data analyst in the investment industry spearheading 8 data analytics and automation projects, resulting in over 650 hours saved per quarter. BS in mathematics with a statistics minor, garnering many awards such as Valedictorian Candidate, Honors Program scholar, and a 4.0 GPA, among others.

PROJECTS (CURATED)

COVID-19 Dashboard | *General Assembly*

A responsive U.S. COVID-19 dashboard featuring a U.S. choropleth timeline map of total confirmed cases and an SIR mathematical model and fit. The website was built using HTML, CSS, JavaScript, and jQuery; the data was obtained through external APIs; and the SIR model was built using Python, NumPy, Pandas, and SciPy.

Unify (String Parser) | *General Assembly*

A responsive full-stack web application that transforms a string list of food ingredients into a unified shopping list where similar ingredients are combined and categorized. It is built with the MERN (MongoDB Atlas, Express.js, React.js, Node.js) stack and deployed on Amazon EC2 (AWS).

Client Data Template Parser | *StepStone Group*

Automated the hourly collection and aggregation of relevant financial data from 600+ templates scattered throughout the shared file system using Python, MySQL, Task Scheduler, and Git/GitHub, saving 300+ hours per quarter.

EXPERIENCE

StepStone Group | *Greater San Diego & Greater Cleveland*

Senior Analyst

JANUARY 2020 – MAY 2020 | 5 MOS

Spearheaded 6 projects and initiative using Excel, VBA, Power Pivot, Power Query, DAX, MySQL, Python, Pandas, and Git/GitHub in collaboration with the Operations Director, the innovation task force leadership, and end-users, yielding 350+ hours of time savings per quarter.

Analyst

APRIL 2018 – JANUARY 2020 | 1 YR 10 MOS

Spearheaded 2 projects using Excel, VBA, Power Pivot, M (Power Query), DAX, and MySQL in collaboration with the Operations Director and end-users, yielding 300+ hours of time savings per quarter.

Mentored and directed two interns using a Kanban framework, resulting in their learning of programming basics, significant contribution to my projects, and integration into the greater real estate team.

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SKILLS

Languages: TypeScript, Python, JavaScript, HTML, CSS, SQL

Libraries/Frameworks:
React.js, Express.js, Node.js, jQuery, Bootstrap

Databases: MongoDB, MySQL, PostgreSQL

Development Frameworks:
Agile, Scrum (Jira), Kanban

Other: Git, GitHub, Object-oriented Programming (OOP), Functional Programming, APIs, CLI, AJAX, Amazon Web Services (AWS), MVC, Vim

EDUCATION

Software Engineering

General Assembly

MAY 2020 – AUGUST 2020

12-week, 420+ hour software engineering program

BS in Math, Statistics Minor

Cleveland State University

AUGUST 2016 – DECEMBER 2018

Awards: 4.0/4.0 GPA, Summa Cum Laude, Valedictorian Candidate, Outstanding Senior, Outstanding Mathematics Major, Honors Program, Choose Ohio First Research Cohort and Scholarship, President's List, Dean's List

Associate in Financial Services

Lorain County Community College

MAY 2012 – DECEMBER 2014

Awards: 3.9/4.0 GPA, Graduated with Honors, Dean's List