

Claude Aldric

Software Engineer

LINKS

Mail: claud@aldric.dev

Portfolio: aldric.dev

GitHub: [caldric](https://github.com/caldric)

LinkedIn: [caldric](https://www.linkedin.com/in/caldric)

SKILLS

Languages

TypeScript, JavaScript, Python, HTML, CSS, SQL

Libraries/Frameworks

React.js, Redux, Express.js, Node.js, jQuery, Bootstrap

Databases

MongoDB (NoSQL), MySQL, PostgreSQL

Software Development

Agile, Scrum, Jira, Kanban, Automated Software Testing, Test-driven development (TDD), Unit Testing

Deployment

Amazon Web Services (AWS), Heroku

Tools

Git/GitHub, CLI, Linux, Vim

EDUCATION

SOFTWARE ENGINEERING

GENERAL ASSEMBLY

12-week, 420+ hour software engineering program

BACHELOR'S IN MATH

CLEVELAND STATE UNIVERSITY

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

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

PROJECTS (CURATED)

COVID-19 DASHBOARD

- A responsive web dashboard featuring a U.S. choropleth timeline map of confirmed cases and an SIR math model and fit.
- Built using HTML, CSS, JavaScript, jQuery, Python, and an external API; deployed on GitHub Pages.

BATTLESHIP (GAME CLONE)

- A Battleship clone full-stack web application built with a team of three.
- Built using the Mongo/Express/React/Node (MERN) stack.
- Our team adopted the Agile Scrum methodology with Jira and practiced code reviews and continuous integration (CI)
- Served as the Product Owner and Lead Developer.

CLIENT DATA TEMPLATE PARSER StepStone Group

- Python software that automates the hourly collection and aggregation of relevant financial data from 600+ data templates scattered throughout the shared file system.
- Built using Python, MySQL, Task Scheduler, and Git/GitHub.

WORK EXPERIENCE

SENIOR ANALYST STEPSTONE GROUP

January 2020 - May 2020

- Spearheaded 6 software projects involving data analytics and workflow automation in collaboration with end-users, saving 350+ hours per quarter.
- Appointed to an innovation task force that leveraged research and technology to maximize department workflow efficiency and data analytics capabilities.
- Contributed to multiple Excel and Power BI data dashboards through data wrangling, KPI calculation creation and implementation, and data visualization.

ANALYST STEPSTONE GROUP

April 2018 - January 2020

- Spearheaded 2 software projects involving data analytics and workflow automation in collaboration with end-users, saving 300+ hours per quarter.
- Served the clients' quarterly and ad-hoc financial reporting needs.
- Mentored and directed interns and junior analysts.

ANALYST COURTLAND PARTNERS

September 2015 - April 2018

- Took over and streamlined the document management process, effectively managing 4,000+ financial documents per quarter.
- Automated various Excel workflows using VBA, saving 10+ hours per quarter.
- Produced high-quality quarterly and ad-hoc client performance and cash reconciliation reports.

PUBLICATION

- [1] D. S. Munther, M. Q. Carter, C. V. Aldric, R. Ivanek, and M. T. Brandl. Formation of *Escherichia coli* O157:H7 persister cells in the lettuce phyllosphere and application of differential equation models to predict their prevalence on lettuce plants in the field. *Applied and Environmental Microbiology*, 86(2), 2020.