

# Claude Aldric

Software Engineer

## LINKS

Mail: [claudio@aldric.dev](mailto:claudio@aldric.dev)

Portfolio: [aldric.dev](http://aldric.dev)

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

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

## SKILLS

### Languages

TypeScript, Python, JavaScript, HTML, CSS, SQL

### Libraries/Frameworks

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

### Databases

MongoDB, MySQL, PostgreSQL

### Software Development

#### Methodologies

Agile, Scrum (Jira), Kanban

### Deployment

Amazon Web Services (AWS), Heroku

### Tools

Git/GitHub, CLI, Linux, Vim

## EDUCATION

### SOFTWARE ENGINEERING

#### GENERAL ASSEMBLY

12-week, 420+ hour software engineering program (coding bootcamp)

### BS IN MATH, STATISTICS MINOR

#### 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 where I served as the Product Owner and Lead Developer.

### CLIENT DATA TEMPLATE PARSER StepStone Group

- A Python script 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

- Created software solutions and spearheaded 6 data analytics and workflow automation projects/initiatives, 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

- Overhauled the manual financial reporting through a "one-click" report template using Power Query, DAX, MySQL, and VBA, saving 300+ hours per quarter.
- Automated the cash flow process using Excel and VBA, which generates the dynamic cover letter and the complete Outlook email to be sent to GPs.
- 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 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.