Alexander Gustafson

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Professional Summary:

Results-driven computer science student with a strong software development and data science foundation. I specialize in data science and statistics via Python and R, with a focus on applying these skills to business intelligence and customer analytics. My goal is to leverage data to drive strategic insights, optimize business processes, and enhance customer understanding to support data-driven decision-making.

Projects and Experience:

Automated Email System, Designed for and utilized by Tentrr, 06/2023-12/2023
- Developed an automated Python emailing system that reduced task time by 90%. Split a CSV of several hundred reservations into 50 unique PDFs and sent them out 2x/week to roughly 100 clients.

Recipe Management System, chillcooks.com
- A full-stack app with Flask, Jinja2, and a remote PostgreSQL API for dynamic web displays and routing.

Habit Tracker, Group Project at CU Boulder
- Experienced Agile development methods, weekly scrums, and using Git as part of a development team.

Long-Term Lake Data Analysis, Class project
- Practical project using R and machine learning to find meaning within 60 years of weekly lake samples.

Education:

University of Colorado Boulder; Major: *BS, Computer Science*; Expected Graduation: 05/2026; GPA: 3.86
Appalachian State University; Major: *BS, Biology*, 05/2021, GPA: 3.37, Dean's List: Fall '18, Spring '19/'20

Relevant Coursework:

Data Science, Data Structures, Algorithms, Programming Languages, Calculus II, Discrete Math, Data Mining, Computer Systems, Information Visualization, Statistics, Linear Algebra with CS Applications, Botany

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Technical Skills:

Well-versed: Python, C/C++, R, SQL (PostgreSQL), HTML/CSS **Basic:** Java, JavaScript, node.js, angular

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Work Experience:

Front Porch Coffee Shop | **Barista** | Lakewood, CO | 02/2024-Present
- Foster customer relationships, deliver quality products, and cultivate a supportive work environment.
Tentrr | **Customer Service Agent** | Remote | 06/2022-12/2023
- Diagnosed and resolved tech issues, reservation complications, and shipping issues. Increased overall customer satisfaction metrics by more than 3% and consistently had the best call stats of 100+ per week.
The Mustard Seed Market | **Greenhouse Lead** | Blowing Rock, NC | 05/2021-07/2022
- Oversaw most greenhouse operations including plant care, receiving, and managed a small team.
Plant Ecophysiology Research Lab | **Research Assistant** | Boone, NC | 10/2019-05/2020
- Gained knowledge of how to apply statistics to real problems, formulate experiments, collaborate with others on data analysis and research, and manage and analyze data with a team using computational tools.