Mustafa Sameen

mustafasameen.com | 7193089116
s_sameen@coloradocollege.edu | github.com/ssameen

EDUCATION

COLORADO COLLEGE
BA in Computer Science
BA in Mathematics
May 2025 | Colorado Springs, CO
Dean's List | Euclid Scholar
86k USD scholarship/year
GPA: 4.0 / 4.0

SKILLS

PROGRAMMING
Python • Java • Swift • Ruby
HTML5 • CSS • Django • C
JavaScript • Android

TECHNOLOGY/FRAMEWORK
SwiftUI • GitHub • Git • Firebase
LaTeX • XML • UML

DEVELOPER TOOLS
XCode • Android Studio • Eclipse
Atom • VS Code

COURSEWORK

COMPUTER SCIENCE
Software Design
Data Structures and Algorithms
Programming Language Implementation
Theory of Computation
Computer Organization
Scientific Computing
iOS Mobile Development

MATHEMATICS
Ordinary Differential Equations
Linear Algebra
Number Theory and Cryptography

EXPERIENCE

PINTEREST | Engage Scholar, Software Engineering
June 2022 - Present | San Francisco, CA
- 1 out of 43 students chosen to participate in the career development program on software engineering practices, career progression, and culture at Pinterest.
- Worked with a mentor to achieve technical and professional growth while attending workshops on skill development, mock interviews, and career development.

LEXIDYNE LLC. | Programming Analyst
May 2022 - Present | Colorado Springs, CO

- Implement, collaborate, modify and deliver functional simulation models in Java per client requests.
- Analyze large datasets in order to inform model inputs.
- Aid clients in understanding and applying results to real world decision making.
- Provide extensive research on various topics by reviewing and finding applicable publications.

COLORADO COLLEGE | Data Intern
Aug 2021 – May 2022 | Colorado Springs, CO
- Conducted initial data manipulation and analyzed tabular data of Annual Fund donors by Pandas, SQL, Excel, and visualization by Matplotlib and Seaborn.
- Maintained compliance with data governance and data domain requirements by working closely with managers and office partners.
- Managed data analyses, quality improvements, and issue resolution and finalized data by uploading it to Blackbaud CRM.

PROJECTS

JAVACADEMY Android, Java, Gradle, XML
An android application and supplemental tool to the Java learning experience that is designed to help learners review and practice what they have learned on the web anywhere, anytime by the help of quizes.

MUSTAFASAMEEN.COM HTML5, CSS, JavaScript, SCSS
Software Engineer Portfolio Template that helps you showcase your projects, experience and skills.

ANDROID APP MARKET Jupyter Notebook, Python, Data Science
A comprehensive analysis of the Android app market by comparing over ten thousand apps in Google Play across different categories using Pandas, Matplotlib, Seaborn, and Plotly and further looked for insights to devise strategies to drive growth and retention based on sentiment analysis of user reviews.

AWARDS

Year	Type	Award
2022	Champion	Thomas Post Rawles Prize
2022	Scholarship	Euclid Scholar
2021	Gold Medal	International Youth Math Contest (IYMC)
2020	National	Bangladesh Mathematical Olympiad (BDMO) Finalist