ELYSE GARREAU

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EDUCATION	**University of California, Berkeley**	August 2017-Spring 2021
	Bachelor of Arts, **Computer Science**	GPA: 3.42
	Bachelor of Arts, **Applied Mathematics**	

LANGUAGES
Java, Python, C, HTML, CSS, SQL

SKILLS
Git, Jupyter, LaTeX, WordPress, Pandas

COURSEWORK

CS 161 (ongoing)	Computer Security
CS 61C (ongoing)	Great Ideas in Computer Architecture (Machine Structures)
Data 100 (ongoing)	Principles & Techniques of Data Science
CS 61BL	Data Structures and Programming Methodology
Math 55	Discrete Mathematics
Math 53	Multivariable Calculus
Math 54	Linear Algebra and Differential Equations
CS 370	Introduction to Teaching Computer Science
CS 61A	The Structure and Interpretation of Computer Programs
Econ 1	Introduction to Economics

PROJECTS

GitLet Summer 2019	Implemented a version control system mimicking of git, with features including commits, merging, and checkout.
BearMaps Summer 2019	Completed back end of an interactive map of Berkeley. Users can zoom/scroll, search locations, and be given the shortest path between two locations.
Enigma Summer 2019	Wrote a program that replicates the World War II Enigma machines by using a substitution cipher.
Scheme Fall 2018	Completed Scheme interpreter supporting basic operations.

EXPERIENCE

Academic Intern EECS Dept. Summer 2019-Present	Completed 70 hours for CS 61A, in the process of completing 70 hours for CS 61B.
Math Tutor Student Learning Center Summer 2018	Mentored and tutored students for UC Berkeley's Summer Bridge program.
General Member Data Science Society Spring 2019	Worked in a team practicing fundamental data science techniques and learned Pandas basics.
Outreach Team Cal Berkeley Democrats Fall 2018	Advertised the organization's weekly meetings, advocated for Berkeley candidates during 2018 election.
BUMP Program MUSA Fall 2018	Discussed opportunities and career paths within the field of mathematics.