Ethan Elmer

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COLLEGE EDUCATIONAL RECORD	LOUISIANA STATE UNIVERSITY

B.S. in Computer Science with a Second Concentration in Economics   **Overall GPA:** 4.18

Computer Science GPA: 4.23

Related Coursework:

Introduction to Computer Science (with Lab) I & II

Advanced Data Structures

Introduction to Discrete Structures

Calculus I & II

Differential Equations

Microeconomics

Macroeconomics

INFLUENTIAL COLLEGE EXPERIENCES

Student Researcher   (August 2022-Present)

- Undergraduate Research with the Department of Oceanography and Coastal Sciences
  - Frequent MatLab use and occasional field research.
- Mangrove Research (August 2022-December 2023)
  - Worked under Dr. Giulio Mariotti studying mangrove's effects on coastal erosion in southern Louisiana.
  - Presented research to members of a non-profit focused on mangroves in Louisiana and preventing coastal erosion, influencing real-world initiatives and applications.
  - Presented research at LSU Delta Institute, an event merging the industry and academia of coastal initiatives.
  - Data being used for paper

Student Government   (Spring 2023-Present)

- Student Senator
  - Wrote and passed various bills creating and supporting initiatives on campus ranging from sustainability to unionization
- Vice Chair of Rules Committee
  - Served as leadership for Student Senate, and maintained organization for committee.
- Senate Representative of PSIF (Programming, Support, and Initiatives Funding) Committee
  - Heard and approved Student Government funding for various initiatives on campus.

Bridge LSU   (Fall 2023 - Present)

- Vice Chair and Secretary (2023-Present)
- Participate in discussions/ debates regarding current events and philosophy
- Represent LSU Bridge at the National Bridge Convention in Summer 2023

ADDITIONAL SKILLS/RELEVANT EXPERIENCES

- Proficiency in Java, Python, JavaScript, CSS, HTML, and MatLab
- Second place in the Geaux Engineering Game Design Competition
  - Worked on a team with other computer science freshmen to develop a game to enter into a competition.
- Volunteered at HOBY Louisiana, a youth leadership program (2023)
- Worked at a summer program for elementary kids in need of academic support due to COVID-19 (2021)
- Served on Temporary Rules and Temporary Budget & Appropriations Committee at the end of the Student Senate Spring Legislative Session (2023)

HIGH SCHOOL EDUCATIONAL RECORD   BOLTON HIGH SCHOOL

GPA: Weighted: 4.2979 / Unweighted: 4.0 ▪ **P-SAT:** 1400 ▪ **ACT:** 36

INFLUENTIAL HIGH SCHOOL EXPERIENCES

Student Council   (August 2018-May 2022)

- ***Student Body President***
  - Led Hurricane Ida Relief Program
    - Raised money and organized supply collection and dispersion to communities in need
  - Involved in nearly all facets of student life, from planning events to advocacy and representation at many levels.