

# Hayes Chiasson

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## EDUCATION

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### Louisiana State University

August 2022 – May 2026

*Bachelor of Science in Computer Science, Concentration in Software Engineering*

*Baton Rouge, LA*

*Minor in Digital Media Arts & Engineering*

- GPA: 3.61 | Current Year of Study: Junior
- Relevant Coursework: Algorithms & Data Structures, Systems Programing, Digital Media Programming

## EXPERIENCE

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### Quality Assurance Lab Assistant

*LULA-Westfield Sugar Cane Refinery, Paincourtville, LA*

December 2022 – January 2023

- Shadowed the development of custom software that assessed crop yield & purity
- Provided verifiable data that determined the production approach for the entire crop

## CLASS PROJECTS

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### Sine Approximator | *Java*

- Profiles sine approximation algorithms that use the Taylor series expansion of the sine function

### Date Organizer | *Java*

- Sorts dates using a binary heap implementation of a priority queue with various comparators.

### Simple Paint Application | *JavaScript, p5.js*

- Creates an open canvas to paint images using colors from the available color palette within the browser.

## PERSONAL PROJECTS

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### Personal Portfolio Website | *HTML, CSS, JavaScript*

- Functional website designed to display the progression of my understanding of Front-End Design
- Displays former and current projects I have accomplished with in-depth explanations of processes.

### Burgundy Bank Application | *Java*

- Fully functioning bank application with multiple interfaces that allow for user account creation, financial transactions with history tracking, and secure storage of user information

### Safe Cracker Game | *JavaScript, p5.js, Tone.js*

- Online safe-cracking game that creates secret combinations that must be found using audio cues to determine proximity to the correct sequence of keys. Successful completion presents a victory animation and statistics

## TECHNICAL SKILLS

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**Languages:** Java, HTML, CSS, JavaScript, Python, & C

**Developer Tools:** Git, Unity, VSCode, Eclipse IDE, Spyder

**Libraries:** p5.js