

VITUS LARRIEU

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Education

Princeton University (current)

September 2022 – May 2026

*Bachelor of Arts in Computer Science
Minor in Journalism*

Princeton, NJ

Relevant Coursework

COS 217 - Intro to Programming Systems
COS 226 - Data structures and Algorithms
COS 316 - Computer System Design
COS 324 - Intro to Machine Learning
COS 436 - Human-Computer Interaction

Experience

Midstory

June 2024 – August 2024

Writing and Research Intern

Toledo, Ohio

- Completed five stories over the course of a ten week internship in addition to extensive research on historical building re-use in Ohio for a special project celebrating the bicentennial of the United States.
- Completed additional side projects for use in social media, newsletters, and pitched over 20 stories.

Pensacola MESS Hall

May 2023 – August 2023

Outreach Education Assistant

Pensacola, Florida

- Served as an educator, imparting knowledge in science, technology, engineering, and math to a diverse range of children and adults.
- Crafted and refined curriculum for academic programs, incorporating insights from summer experiences for effective implementation throughout the school year.
- Created engaging social media content to promote the internship program on Instagram Reels, utilizing skills in video filming and editing.

Escambia County Schools

June 2021 – August 2021

Math and Science Department Intern

Pensacola, Florida

- Wrote instructional curriculum in use by thousands of students in the Escambia County School system.
- Provided organizational assistance for department materials at multiple sites, enabling more efficient deployment of resources.

Extracurricular

The Daily Princetonian

September 2022 – Present

Head Podcast Editor, Staff News Writer

- Write, edit, and produce daily short-form and weekly long-form podcast and written content, tailored for the Princeton community.
- Lead and supervise a team of around 30 student journalists, coordinating multiple concurrent projects, ensuring our content comes out with regularity and a quality we are proud of.
- Oversee training for student journalists in audio production, including equipment operation and proficiency in Adobe Audition.
- Collaborate with editorial team to seamlessly integrate audio journalism across various sections of the newspaper.

Featured Projects

Seam Carving | Java

- Implemented the seam-carving algorithm for image compression that intelligently maintains interesting features of an image while removing uninteresting ones.

De-comment program | C

- Implemented a partial step of C code compilation, the removal of comments from a program, through the use of a DFA.

Assembly Language Programs | ARMv8

- Used the ARMv8 Assembly programming language to implement a series of functions for use in computation of large Fibonacci numbers.
- Also implemented a series of ARMv8 functions for use in computing word counts of large text files quickly and efficiently.

Additional Skills

Proficient in Java, C, Python, HTML/CSS and ARMv8 Assembly Language.
Knowledge of Github version control.
Project management skills.