

# Gavin Galusha

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## Summary

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I am currently a 20-year-old junior at Tulane University and am very passionate about furthering my professional career. I am Majoring in Computer Science and Mathematics, and relevant Computer Science Skills include proficiency in Python, Java, C, C++, familiarity with the Unix operating system, Knowledge of Data Structures and Algorithms, Computer Systems, Data Science, and more. Relevant Math Coursework: Vector Calculus, Linear Algebra, Discrete Math.

## Education

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**Tulane University** - New Orleans, LA *Expected in 2025* **Bachelor of Science:** Double Majoring in Computer Science And Math

- Pursuing a **Minor in Psychology**.
- **3.72** GPA
- **Dean's List** 2022-2023
- **Cookies and Code** programming Club Member
- Graduate of **Tomorrow's Leaders Today**, a leadership program with monthly retreats designed to create connections and prepare students for their work and careers.
- **Adventure Game Java Project:** Created a playable adventure game that can be found here <https://github.com/CMPS-1600-Spring-2023/project-01-adventure-game-GavinGalusha>

**Sonoma Academy** High School- Santa Rosa *06/2021*

GPA: 3.80/4.32 wtd.

**General Assembly** Data Science Bootcamp - Remote, 06/2023 - 08/2023

## Skills

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Python, Java, C, C++, Familiarity with Unix , Basics of HTML and CSS

## Professional Experience

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**Site Director of Coding Camp** | Integem, Larkspur CA, *June 2023 - August 2023*.

- Head in charge of Integem Larkspur location Augmented Reality/Programming summer camp
- Taught K-12 graders Python programming with associated modules, and iCreator Augmented reality game development in a classroom learning environment.
- Managed a team of teachers and directed all camp operations for students at Larkspur.

**Internship** | CodeCycle, Remote/Berkeley CA, *May 2023 - current*.

- Developed Python script for parsing ifc files to generate 3d representations of buildings. <https://codecycle.com/>

**Research Assistant** | Tulane Material Science Research Project. New Orleans, LA *3/2023 - current*.

- Used Python Streamlit module to develop a web interface for machine learning algorithms to predict surface energy absorption in alloys. <https://www.montemoregroup.org/>

**Office IT Support** | Thompson Welch Soroko & Gilbert Law Firm - 3950 Civic Center Drive, San Rafael, CA *04/2020 - 05/2020*

- Main responsibilities were office technology rearrangements, specifically disassembling and reassembling computers, fixing network issues, and setting technology at work stations.

**Team Member** | Jamba Juice - 128 Vintage Way, Novato, CA 94949. *05/2022 - 08/2022*

- Smoothie maker, customer service, general cleaning and maintenance.

**Team Member** | Mod Pizza - 140 Vintage Way, Novato, CA *05/2021 - 08/2021*

- Line Pizza Builder, customer service, and restaurant cleaning and management.

**Wave Leader** | Tulane - New Orleans, LA *08/2022 - 12/2022*

- The responsibility of this position is to guide a group of freshmen through their first semester of college.  
Took part in orientation activities and general guidance and advice to my freshmen group.

**Volunteer** | JDRF - New Orleans, LA *08/2022 - Current*

- Involvement in fundraising for JDRF charity. Some activities include fundraiser walks, sponsored food eating competitions, and more.

**Volunteer** | B2Live - Mexico *07/2019 - 07/2019*

- Took part in cooking for underprivileged kids.  
Worked on construction projects.  
Helped refurbish a school.  
Other charitable activities like daycare assistance, etc.

**Volunteer** | Kawana Springs Elementary School - Santa Rosa, CA *08/2019 - 03/2020*

- Co-taught a podcasting class on a weekly basis to underprivileged grade school children.

## Languages

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English, Spanish