



Ryan Fitzgerald Tatum



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[\(428\) R T - YouTube](#)

Experience

| Pluralsight | Internship | Summer 2024 | Draper, Utah (84020)

- Software developer intern where i work in a group of 4 other participants, where we coded a project using various programming languages but mainly C#.

| Texas Southern University | 2021-2025 | Houston, Texas (77004)

- Volunteered and hosted, to code a vending machine using C++ my sophomore year. Which consisted of 20 functions, User interface, Inventory management, Transaction . handling.
- Taught attendees how to program the basics in C++ using Gdb compiler.
- Volunteered to tutor several of my colleagues in computer science and, mathematics either in-person or via Zoom.
- Shared resourceful website links with my colleagues such as ClaimItTexas.gov and TheForage.com and also internship links.
- Created notes, slides, and practice exams for my colleagues to study . . . for midterms and finals.

Projects

- Created Gradebook that is functional for 40 students to get get grades on 5 test, 5 quizzes, and 3 exams.
- Created a dice game where you have to keep running it over and over again till you get the correct number to win.
- Created a vending machine for 4 rows and 7 columns which contained, kit-kat, doritos, . chetos, lays..... Etc, and also 20 functions.

Portfolio Website | Tatum.TexasSouthernUni.Tech



Texas Southern University

Education

3/28/24 (GPA: 2.94 / 4.00)

Texas Southern University, College of Science, Engineering, and Technology .
(Concentration: computer networks)

Courses: Pre-Calculus, Calculus & Analytic Geometry I, Calculus & Analytic Geometry II, Intro to Programming using C++, Advanced OOP Using C++, Data & File Structures, Computer Programming in Java, computer Networks.

Reference: Jahmario Williams, P.h.D (jahmario.williams@tsu.edu)

Accolades: American Rescue Relief Grant, HG Great Start Grant, Texas Grant Initial 2021-2022 national honors society

Skills

Languages: English (native), Spanish (intermediate), Sign language (intermediate)

Programming: Python, JavaScript, C, Java, C++, SQL, Bash, R, LATEX

Environments: Visual Studio, PyCharm, WebStorm, CLion, IntelliJ, OverLeaf

Interests: Basketball, NFL, Walking, Jogging, Coding Videos, Cutting hair,

Programs: Word, PowerPoint, Excel, WhiteBoard, Photoshop, Illustrator, After Effects, Premiere Pro, Zoom

Student Directory

- Petitioned a Freedom of Information Act (FOIA) Request with TSU to provide a list of all the computer science (CS) majors that ever attended
- Proceeded to use the list to create a directory containing all the CS students.
- LinkedIn Profile URLs and their student emails
- Utilized several Excel functions to speedup the development of the directory