

BRAXTON CHURCHWELL

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🌐 braxtons.space

EDUCATION

B.A. in Computer Science, B.S. in Mathematics

Maryville College | Maryville, TN

2028

- GPA : 3.63 / 4.0
- Deans List - Every Semester to Date

PORTFOLIO - BRAXTONS.SPACE (FULL PROJECT DOCUMENTATION AND CODE)

HONORS

Scot Science Scholar

Maryville College

2024 - Present

- Competitive NSF funded STEM scholarship

ACADEMIC ACTIVITIES

MC3D (Maryville College 3D Printing Club)

Jan 2025 - Present

Treasurer

- Manage club finances, including budgeting, purchasing, and expense tracking.
- Work with Student Government and club leadership to discuss funding proposals.
- Attend club and joint club meetings to discuss financial, workshop, and collaboration event plans.

Maryville College Computer Science Club

Aug 2024 - Present

Travel Team Member

- Participate in National programming competitions
- Work with a team to solve algorithmic and data structure problems under timed conditions

PROJECTS

Website Portfolio

braxtons.space

- Built a personal portfolio to document projects and build logs
- Designed a clean, responsive UI with structured pages

ARCTOS Robotic Arm

- Built a 6 DOF robotic arm using open source ARCTOS designs
- Implemented 6 motors and 6 sensors for accurate control
- Applied software to control physical systems

EXPERIENCE

Science Center Student Assistant

Sep 2025 - Present

Sutton Science Center (Maryville College) | Maryville TN

- Support faculty in Science Center and assist with lab setup
- Built a student information hub that provides STEM students information about internships and job opportunities.

Makerspace Associate

Sep 2024 - Present

MC3D (Maryville College 3D Printing Club) | Maryville TN

- Repair, troubleshoot, and diagnose 3D printers and printing related software like CAD
- Design and print custom parts and projects for various campus, community, and student organizations.

COURSEWORK

Computer Architecture and Systems, Data Structures, Database Management Systems, UI Design and Implementation, Calculus I and II, Ordinary Differential Equations, Discrete Structures, Linear Algebra

SKILLS

Python, JavaScript, React, Linux, Basic Microcontroller Tooling, CAD Software, Hardware Troubleshooting