# Nyala Jackson

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https://github.com/nyjackson

## EDUCATION

**Vassar College** — Poughkeepsie, NY
*Bachelor of Arts in Computer Science* — *Aug. 2017 – Jun. 2021*

## SUMMARY

Computer Science graduate passionate about virtual reality and game development. Innovative product designer, crafting a braille-buttoned audio mystery game. Proficient in technologies like Java, Microsoft Word, and React.

## EXPERIENCE

**Techie Youth** — New York, NY
*Remote IT Professional* — *Jul. 2021 - Aug. 2021*
- **Tech Income Courses**: Completing remote technology income courses
- **Assignments**: Publishing an editing video, developing a website, and writing a blog post

**CRA-WP** — Tuscaloosa, AL
*Remote DREU Student Researcher* — *Jun. 2020 - Aug. 2020*
- **VR 3D Web Application**: Utilized React, React 360, and JavaScript to create a browser-hosted virtual reality 3D web application
- **Memory Tracing Program**: Built a React 360 memory based program as a supplement to computer science education
- **Research Paper**: Authored a final research paper documenting the creation and purpose of the program

**Vassar College** — Poughkeepsie, NY
*Ford Research Scholar* — *May 2020 - Jul. 2021*
- **VR Bio-Anthropology Bone Lab**: Improved upon a virtual reality Bio-Anthropology lab aimed to help students learn more about bones, fossils, and their features
- **Timeline and Info Boxes**: Used Unity and C# to develop a timeline activity and information boxes for each fossil/bone
- **Additional Fossils**: Added more fossils into the lab for use and examination

**Vassar College** — Poughkeepsie, NY
*Media Technician – Student Supervisor* — *Sep. 2017 - May 2021*
- **Film**: Recorded lectures, talks, and performances on-campus
- **IT Tasks**: Solved technical issues onsite with students and faculty
- **Customer Relations**: Set up and rented out media equipment for students and faculty

## LEADERSHIP, ATHLETICS, AND CAMPUS ACTIVITIES

**Vassar Food Community** — Poughkeepsie, NY
*Secretary* — *Feb. 2018 - May 2020*
- **Cooking and Food Education**: Organized on-campus and off-campus cooking and food education events
- **Weekly Emails**: Emailed members about events and food-related opportunities

**Vassar Women's Rugby** — Poughkeepsie, NY
*Forward* — *Aug. 2017 - Jun. 2021*
- **USA Rugby National Championship 2018**: Women's DII Fall College Fifteen's Champion
- **Practice and Games**: Trained during three-day weekly practices and weekend games

## PROJECTS

- **Cabo 2D**: Online 2D Multiplayer Card Game using Unity
- **nyjackson.net**: Media, Writing, and Coding Portfolio Website

## PROGRAMMING SKILLS

- **Languages**: Java, Python, Javascript, C#, SQL, HTML, CSS          **Technologies**: React, Unity