

# CORY HEADRICK

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## EDUCATION

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**The University of Tennessee, Knoxville,** Tickle College of Engineering Knoxville, Tennessee  
*Bachelor of Science in Computer Science* Graduation: December 2023  
Cumulative GPA: 3.77/4.00

## RELEVANT EXPERIENCE

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**Teledyne Brown Engineering** Knoxville, TN  
*Software Engineer - Subcontractor (Insight Global)* August 2024 – August 2025

- Upgraded Web GUI for proprietary software on a new operating system for the U.S. Airforce
- Redesigned and implemented the GUI and server-client architecture for in-house software
- Wrote technical documentation, and testing procedures used by QA for proprietary software.

**Jewelry Television** Knoxville, TN  
*Web Development Intern* June 2023 – August 2023

- Created the front-end UI/UX for a brand-new diamond filter application on jtv.com
- Implemented the redesign for a “Shop the Look” webpage on JTV’s sister site, Jedora
- Fulfilled tickets for the website including bug fixes, cartridge creation, and SEO modifications

**Oak Ridge National Lab** Knoxville, TN  
*Senior Design Project Lead* August 2022 – May 2023

- Collaborated with a team of four under the sponsorship of Oak Ridge National Lab to develop an educational video game called SimClimate demonstrating human impact on climate change
- Worked across the full stack, creating visual assets and UI as well as coding on the back end
- Designed the core gameplay and programmed the game in Unreal Engine 5
- Integrated atmospheric, societal, and technological systems within the game

**The Orbiter** Maryville, TN  
*Creator* June 2022 – May 2023

- Lead Creative Designer and Programmer
- Led a small team to develop a video game showcasing Newton’s Universal Law of Gravitation
- Programmed real world physics formulas to be used in the game

## OTHER EXPERIENCE

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Assistant Manager – Highland Manor Inn, Camp Coordinator – Harmony Family Center, Camp Counselor – Blackberry Farm, Medical Intake Coordinator – East Tennessee Medical Group, Cashier – Parkway Grocery.

## SKILLS & CERTIFICATIONS

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|--------------------------|--------------------------|--------------------------|
| • C                      | • JavaScript             | • Cloudinary             |
| • C++                    | • SQL                    | • Unity                  |
| • C#                     | • Git                    | • Unreal Engine          |
| • HTML/CSS               | • Microsoft Office Suite | • Visio                  |
| • Python                 | • Google Analytics       | • Web toolkit (Wt)       |
| • Linux/Unix Development | • Subversion             | • Full Stack Development |