

Berhane Wheeler

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EDUCATION

Berea College - Berea, KY May 2027
B.A in Computer Science & B.S in Business Administration **Cumulative GPA: 3.67 / 4.00**
Relevant Courses: Data Structures, Intro to Web Development, Discrete Mathematics, Human-Centered Computing

SKILLS

Programming Languages: C++, C#, Python, JavaScript, HTML, CSS, SQL
Technical Skills and Tools: Data Structures, Object-Oriented Programming, Blender, Unity, Figma, GitHub, Bootstrap

PROFESSIONAL EXPERIENCE

Computer Science Teaching Assistant Aug 2024 - Present
Computer Science Department, Berea College

- Collaborate with the course instructor to design and lead 2 weekly lab sessions enhancing learning outcomes for 120+ students.
- Grade 4 coursework per week of 20+ students and assist course professor during lecture hours.

Freelance Software Engineer Jan 2023 – July 2023

- Independently developed 'Professor Dice', a Windows game using C# and Unity, featuring 5 levels and 4 different game mechanics.
- Implemented AI enemy behavior, combat mechanics, physics-based movement and utilized animation controllers.

Front Desk Representative Aug 2023 - May 2024
Office of Disability and Accessibility Services, Berea College

- Managed effective communication and appointment scheduling for 70+ students with disabilities per week.
- Resolved 300+ accessibility-related issues to ensure campus-wide inclusivity.

TECHNICAL PROJECTS

Purse Pursuit ([Link to the Game](#)) – Available on App Store and Play Store Dec 2023 – May 2024

- Developed a 3D arcade-styled game where the player steals money from people on the street to pay bills.
- Utilized Unity and C# for scripting gameplay mechanics, and Blender for creating and animating 3D models.

Asteroid Audit ([Link to the Web App](#)) – HackPrinceton '24 Nov 2024

- Collaborated with a team of 4 developers to develop a gamified web application to learn how to do taxes in under 36 hours.
- Developed login system with PHP and SQL, the game with C# and Unity, and a web-based application with HTML, CSS, and JavaScript

Berhane Wheeler Website ([Link to the Website](#)) Jul 2024

- Developed a responsive website to display my technical skills and projects utilizing HTML, CSS, Bootstrap, and JavaScript.

LEADERSHIP EXPERIENCE AND ACTIVITIES

YouTube Channel – Konita ([YouTube Channel](#)) Oct 2020 - Present

- Created and managed the YouTube channel for programming tutorials that achieved 425,000+ views and 2100+ subscribers.
- Utilized JavaScript, Python, C#, and Scratch during my tutorials and development vlogs.

HackPrinceton '24 Best Financial Hack (CapitalOne) Nov 2024
Princeton University, New Jersey

- Participated and Won Best Financial Hack under the highly competitive CapitalOne Track amongst 400+ other hackers, judged by SWE and Recruiters @ CapitalOne.

Southern Africa Innovation Support Program and SLUSH Nov 2019
Helsinki, Finland

- Developed an interactive science lab simulation app using Unity and C#, detecting user-touch, and implementing real-time simulations.
- Selected as 1 of 2 founders to represent Namibia in the Slush Boost Up competition.

City of Windhoek, Junior Council – Executive Member, Treasurer May 2021 - Apr 2022
Windhoek, Namibia

- Led 5 initiatives as an Executive Member, making critical decisions that improved council efficiency.
- Allocated \$4000 across 5 diverse community initiatives, maximizing impact for 450,000 Windhoek residents.

HONORS

HackPrinceton '24 - Best Financial Hack (CapitalOne) Nov 2024
Awesome Inc. 5 Across Startup Pitch Participant Oct 2024
Berea College Dean's List Jan 2024, May 2024
Audience Favorite Pitch in Boost Up Pitch Competition in Finland Nov 2019

Societies: National Society of Black Engineers (NSBE), ColorStack, CodePath, Google Developers Student Club