

Brandon Ekow Anderson

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EDUCATION

Carleton College

Bachelor of Arts in Computer Science, Minor in French, GPA: 3.8

Northfield, MN

Expected June 2026

Awards/Honors: Questbridge National College Match Scholarship

Relevant Coursework: Programming Languages, Algorithms, Data Structures and Algorithms, Discrete Math

TECHNICAL SKILLS

Programming Languages: Java, C#, Swift, C++, Kotlin

Software: Xcode, Android Studio, Visual Studio Code, Unity, Git Hub, Arduino IDE

WORK EXPERIENCE

Maydm

Madison, WI

Unity Game Development Instructor

Jun 2023 – Aug 2023

- Developed and edited the Unity Game Development curriculum in C# to allow reusability for future programs.
- Collaborated with 2 other instructors to teach 24 high school students Unity debugging, scripting and blender animations.
- Taught 19 middle schoolers in a two-week STEM summer program that covered basic Java programming.

ImageMoverMD

Madison, WI

Backend Software Engineer Intern

Jun 2020 – Aug 2021

- Assisted the Chief Technology Officer in optimizing the company's Android application in Java and Kotlin to enhance faster image sharing to local hospitals' workflow requests.
- Redeveloped 4 existing IOS application features onto Android to keep both applications in sync and up to date.
- Participated in weekly team meetings and conferences to develop initiatives and give updates to current tickets.

PROJECTS

Arduino LED Light Hub (C++)

- Programmed a self-made physical hub to control up to 300 RGB LEDs on two channels on an Arduino SparkFun.
- Added support of Corsair iCUE software to the hub to allow full control of the lights.
- Incorporated lighting effects such as ambient lighting and audio visualizers on Signal RGB.

FoodNation App (Swift)

- Developed an app called FoodNation to help users plan and discover meals tailored to their body goals.
- Implemented the Spoonacular API to deliver meal information in less than 200ms per each request.
- Created a custom data model to store requested API information and display in the UI.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow

Washington, DC

Career Preparation Fellow

Nov 2023 – Present

- Accepted into a selective 18-month professional development program for high-achieving, diverse talent
- Complete business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

Carleton College Makerspace Assistant

Northfield, MN

Student Worker (Non-Paid)

September 2023 – Present

- Develop written and recorded demos for all students to provide up-to-date informative guides on how to use Makerspace tools.
- Assist students and faculty with their course related projects, which require the use of hardware and electrical tools.

Madison College STEM Club

Madison, WI

President

Sep 2020 – May 2022

- Organized weekly meetings of over 30 students to explore various STEM fields and topics outside courses.
- Led an 8-week Java programming workshop with 4 club members to develop mini-applications.
- Participated in 2 local competitions hosted by First Tech Robotics and Badgerbots.

ADDITIONAL SKILLS AND INTERESTS

Conversant in French, Interested in electrical engineering, entrepreneurship, international travel and fitness.