Brady Norum

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EDUCATION

Hofstra University | **Uniondale, NY**   **May 2025**
B.A. in Computer Science | **GPA:** 3.7/4.0
Relevant Courses: Software Engineering, Software Project Management, Mobile App Development, Web App Development
Honors and Activities: Dean's List, Campus Television (Executive Board), Hofstra in Silicon Valley, Animal Rights Union

TECHNICAL SKILLS

Programming Languages: C#, Java, Python, Dart, HTML/CSS/JS, C++
Relevant Skills: ShaderGraph (Unity), Flutter (Dart), React (JS), Firebase, Supabase, Pandas, Scipy, Sympy, Numpy (Python)
Creative: Unity, Blender, Figma, Adobe Creative Suite, Fusion360

PROFESSIONAL EXPERIENCE

Unity/C# Instructor | **theCoderSchool** | **Syosset, NY**   **June 2023 -**
- Instructing over 25 students to help them create games in Unity.
- Teaching fundamental practices of programming, UI, and game design.

UI and Art Lead | **Project Pop** | **Boston, MA**   **March 2023 -**
- Working with a team of six individuals to create a game in Unity.
- Coordinating art and sound assets with both the art and programming teams to create a seamless transition between visuals and gameplay mechanics .
- Creating and implementing UI mockups from **Figma** to Unity.

PROJECTS

Burnout   **Spring 2025 -**
- Unity-based card game in development for release in May 2025.
- Implemented 120 cards with unique effects, as well as a system to create them easily.
- Pushing and documenting frequent updates via itch.io

See You In Hell   **Winter 2025**
- Unity game developed over one week for Code for a Cause Jam 2025.
- Acted as project lead, writer, and programmer for a team of four.
- Created comprehensive (fake) email system where users can receive emails with pseudo-random distribution.
- Wrote eighty emails which determine the fate of in-game characters.

NOVA Browser   **Fall 2024 - Summer 2025**
- Firefox fork with improved security
- Leading a team to enhance browser features and provide regular updates
- Removed Telemetry, Added Built-In Ad Block, AI-Powered Search, SSL/TLS Encryption, Crash Recovery
- Produced comprehensive documentation including design documents and project proposals.

Dota 2 Machine Learning Model   **Summer 2024**
- Scikit-Learn Random Forest Classification Model which calculates win percentages accounting for player drafts.
- Uses Python Flask for basic UI.

Norum_Karaoke   **Fall 2023 - Winter 2023**
- A mobile app utilizing Flutter, which creates a seamless Karaoke experience, centered around user customizability.
- Has a companion site, which allows users to upload songs from phone to browser, for a desktop karaoke experience.
- Files are transferred from mobile to browser via Firebase storage.