

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

TECHNICAL SKILLS

Programming Languages: C#, Java, Python, Dart, HTML/CSS/JS, C++

Relevant Skills: Flutter (Dart), React (JS), Firebase, Supabase, Pandas, Scipy, Sympy, Numpy (Python)

Creative: Figma, Unity, Adobe Creative Suite, Blender, 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.

Social Media Manager | Director's Cut | Hempstead, NY

May 2022 - May 2023

- Creating visual advertisements for campus television using the Adobe Creative Suite.
- Managing social media platforms like Instagram, Facebook, and Youtube.
- Acting as part of the campus television executive board.

PROJECTS

NOVA Browser | Personal Project

Fall 2024

- Firefox fork with improved security
- Leading a team to enhance browser features and provide regular updates
- Removed Telemetry, Built-In Ad Block, AI-Powered Search, SSL/TLS Encryption, Crash Recovery

Dota 2 Machine Learning Model | Personal Project

Summer 2024

- Scikit-Learn Random Forest Classification Model which calculates win percentages accounting for player drafts.
- Uses Python Flask for basic UI.

Norum Karaoke | Personal Project

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.

Mothership Grocery App | Class Project

Spring 2024

- Flutter-based Grocery App made with a group of five people over the course of 3 months.
- Acted as the project manager, as well as a front-end developer focusing on UI.
- Initial planning done in Figma