

EDUCATION

The College of New Jersey

Bachelor of Arts in Interactive Multimedia

Minor in Computer Science and Music Technology

Expected Graduation: May 2023

GPA: 3.988

Awards: Deans List (Fall 2019 - Ongoing)

EXPERIENCE

TCNJ Interactive Multimedia Department

Games 1/2 Learning Assistant

- Helped prepare exercises, demos, and class preparation materials each week
- Assisted with in-class demonstrations for assigned student challenge solutions
- Created and updated a guide for basic coding fundamentals and C# scripts

PROJECTS

PlantMe-NJ (Kotlin, SQLite, Adobe Photoshop/Illustrator/XD, Autodesk Maya)

Oct 2022 - Present

- Designed and programmed a mobile application focused on gardening
- Abilities includes selecting which New Jersey plants, mapping crop placement, and 3D visualization using AR
- Project is coded in Kotlin using Android Studio and features a SQLite backend

Drawdio (Unity, Logic Pro, and Procreate)

Sept - Dec 2022

- 2D Digital Illustration Application where users can build visual & sonic environments by selecting a background, drawing & placing stickers
- Coordinated with a team to focus on the benefits of art and interactive electronic music therapies
- Role included programming core functionalities with UI/UX aspects and conducting user testing

Energy Supply Project Analysis (Flask, Python, PostgreSQL, Javascript, HTML)

Feb - May 2022

- Coordinated with a team to focus on the energy supply distribution at TCNJ.
- Created a web application to view the energy usage fluctuation and present an energy efficiency analysis.
- Project converted and organized Excel files into CSV files using Python and Shell and utilized a Flask backend using a PostgreSQL database with HTML, Bootstrap, and Javascript as the frontend.

SKILLS

Programming Languages

C# (Unity)

C++

Kotlin

Java

Ruby

PostgreSQL

Python

HTML/CSS

Javascript

Programs

Adobe Photoshop

Adobe Illustrator

Adobe InDesign

Adobe XD

Adobe After Effects

Adobe Premiere Pro

Unity

Autodesk Maya

Github/Git

Android Studio

Visual Studio Code

Logic Pro

Max8

Ableton Live

LANGUAGES

English

Fluent

Spanish

Basic/Intermediate