

Ruben Alias

ruben.alias715@gmail.com ❖ (646) 756-0367 ❖ Avenel, NJ

LinkedIn: <https://www.linkedin.com/in/ruben-alias-70168a1b6/>

Github: <https://github.com/Herxity>

EDUCATION

Rutgers University

Electrical and Computer Engineering

- Dean's List; 3.83

May, 2025

New Brunswick, NJ

WORK EXPERIENCE

Rutgers University Learning Center

Tutor

Jun. 2022 – Present

New Brunswick, NJ

- Assisting university students in achieving mastery in areas of struggle through one-on-one instructional sessions
 - Dynamically assessed student understanding, which allowed students to leave each session with greatly improved understanding of course content
 - Connected mathematical concepts to practical situations to increase student interest and contextualize subjects
 - Worked in both remote and in-person settings, able to alternate between both

Dollar Tree

Sales Associate

Sep. 2021 – Present

Rahway, NJ

- Process customer transactions, ensure shelves remain stocked, and uphold store policy
 - Mitigated freight backlog through effective time management in cooperation with coworkers

SKILLS/INTERESTS

- **Skills:** Python, C, SQL, C#, Java, MATLAB, Unity, Object-Oriented Programming, Aseprite, REST API, Dart, HTML, CSS, Javascript, Git, Github, Plastic SCM, NodeJS, Flutter, Blender, Microsoft Office(Word, Powerpoint, Excel)
- **Interests:** Game Development, Learning, Memes, Writing, Indie Games, 3D Modeling
- Native English speaker

PROJECTS

- **Crest:** Fantasy RPG Text-Adventure coded in C# using Unity:
 - Features a Save System, typing effect, branching choices, music, art gallery, and dynamic special effects which trigger as text appears
 - Parses raw text generated from Twine for points of branching paths in order to dynamically generate user choices and display them to be used for input
- **Oleedo+ App Development Team:** Used Flutter with Dart in order to make adjustments to the existing UI
- **[API for a basic RSVP service:](#)** Wrote a basic REST API which is written in Js using Node.

RELEVANT COURSEWORK

- **Introduction to Computers for Engineers:** MATLAB in the context of engineering
- **Digital Logic Design:** Study of computing at the level of logic gates and small circuits