


# Shadi Khalil

## Projects

**Portfolio Site**  | Front-End Developer | [Figma](#), [React.js](#), [HTML](#), [TailwindCSS](#)

- Designed, constructed, and deployed static web page using React.js with Next.js, and styled using TailwindCSS.

**Genome Assembler using Bioinformatic Algorithms** | Software Engineer | [Java](#), [Python](#), [C++](#)

- Implemented space/time efficient algorithms to reconstruct the shortest common superstring of gene fragments.
- Determined the accuracy of possible alignments of genes on a genome.

**The Space Vampire Video Game** | Creative Director, Programmer | [Unity/C#](#), [Blender](#), [Adobe Creative Cloud](#)

- A single level of a 3D action-adventure platformer constructed using Unity/C#.
- Created rigged character models, in-game UI elements, 3D environments, and cutscene animations with Blender and Adobe Creative Cloud.

**Healthify Android Fitness App** | Front-End Developer | [Android Studio](#), [Java](#), [XML](#)

- Designed high-fidelity mockups in PowerPoint that applied UI/UX and MVC principles. Designed a brand logo with Adobe Illustrator.
- Built a functional front-end prototype health and fitness tracker built in Android Studio prepared for early stages of user testing.

## Work Experience

### IT Systems Specialist

Jan 2023 - Jun 2023

Montgomery County Public Schools – Rockville, MD

- Closed 95% percent of tickets submitted using ServiceNow on first call without escalation.
- Managed a cloud-based network of over 3000 devices including Windows and Chrome OS workstations, servers, and printers with Altiris and Azure.
- Provided customer assistance to a userbase including teachers, staff, students, and administration.

### IT Support Specialist

Jan 2020 - Jan 2022

UMD Facilities Management – College Park, MD

- Provided tier 1 support including assisting users with network connectivity, account access, and troubleshooting errors.
- Managed, imaged, and deployed asset inventory of Windows devices and peripherals, and installed enterprise software.






### Instructor

May 2018 – Aug 2019

Calleva Outdoors (Non-Profit Outdoor Camp) – Poolesville, MD

- Managed rotating teams of three to five staff through outdoor activities programs, team building, and leadership exercises for campers (aged six to thirteen) and staff including arts and crafts, sports, and Potomac River activities.

## Contact

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## Education

### Maryland Institute College of Art

Master of Professional Studies

UX Design

Baltimore, MD – Expected Aug 2025

### University of Maryland

Bachelor of Science

Computer Science

College Park, MD – May 2022

## Programming Languages

JavaScript, HTML, CSS

Java

Python

C#

SQL

## Tools

React.js, Next.js

Figma

Git

TailwindCSS, Bootstrap, Material-UI

Adobe Creative Cloud (Photoshop, Illustrator, Premiere, Audition)

Microsoft Office

## Interests

 Machine Learning

 Digital Art

 Animation

 Film Production

 Gaming

 Outdoors