

TOMER KRAYZMAN

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Education

University of Maryland - College Park

► B. S. Computer Science and B. A. Chinese

Graduation Date: May 2021

GPA: 3.5/4.0

Experience

MITRE Corporation | **Software Engineering Intern**

May 2018 - August 2018

- Supported Space Situational Awareness applications and specification creation for government satellite ground systems using Java, MongoDB, and Gradle
- Developed a front-end web application to visualize satellite data with AngularJS
- Restructured existing code-base to adhere to a company-made framework

Mitosis Games | **Game Designer**

January 2019 - Present

- Developing and simulating new levels in a puzzle game using the Unity Engine, C#, and GitHub
- Collaborating with a team of 5 game designers and 3 programmers

University of Maryland | **CMSC131 Undergraduate Teaching Assistant**

August 2018 - December 2018

- Lead discussions and taught fundamentals of Java and programming to a class of 30+ students
- Assisted students during office hours by guiding them through projects and answered questions

Projects

UMD XR Club | **Web Development Lead**

September 2017 - Present

- Leading full redesign of UMD XR's (AR + VR) Club's website and assigning tasks to a team of 4 web developers. Using HTML/JavaScript/SASS(CSS), BootStrap, and Koala to create the new website
- Developing back-end web apps with Django and MySQL

Redfish | **Game Development**

September 2017 - Present

- Developing a tournament-style game in Unity 2D with JS and C#, integrating multiplayer gameplay
- Created concept art, character designs, and animations

STEMpower Girls | **Full Stack Development and Programming Mentor**

August 2016 - Present

- Developed and deployed the website stempowergirls.org, maintenance done using AWS tools
- Taught programming lessons for the nonprofit's middle school program in Baltimore City

Squirrel Speed | **Game Development**

December 2016 - March 2017

- Programmed scripts, created assets, and developed animations for arcade-style space invader game in C# Unity 2D for Maryland FBLA Competition
- Won 3rd place in the state, placed top 10 nationally

Skills

- Proficient in Java, HTML/CSS/JavaScript, SASS, AngularJS, Django, C#, SQL, MongoDB, Python
- Familiar with C++, Ruby, PHP, Node.js
- Tools: AWS, Git, InVision, Adobe Photoshop/Illustrator, Unity
- Foreign Languages: Russian, Hebrew, English, Spanish, currently learning Chinese