

Richard “Alex” Drum

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Profile

Software developer and game designer with a passion for content heavy systems. Leverages a passion for utilizing my skills in programming to help streamline content delivery and improve upon existing processes to focus on the content, and not the process to publish it.

Experience

GAME DIRECTOR | ELESTRALS LLC | MARCH 2023 – PRESENT

- Game director and developer for Elestrals Clash! a desktop and mobile application
- Designed and implemented internal processes for production and marketing

GAME DEVELOPER | VOLCANOID GAME STUDIO | FEBRUARY 2021 – DECEMBER 2021

- Developed initial game concepts and systems
- Pursued registration and certification for the release of Volcanoids

WEB DEVELOPER | PROPSEER HS NEWSPAPER | AUGUST 2021 – MAY 2023

- Designed and optimized website for HS newspaper
- 3 Student News Organization Distinguished Site Awards
- 11 Best of SNO Article Awards

Leadership

SWIM COACH | MAGNOLIA GREEN SWIM TEAM | MAY 2019 – JUNE 2019

- Coached swimmers from ages 8 to 17 with a specialization in younger swimmers

CODING CLASS LEADER | TOMAHAWK CREEK MS | SEPTEMBER 2016 – JUNE 2018

- Created coding class for classmates
- Designed a custom curriculum
- Invited to White House for signing of STEM bill by President (September 25, 2017)

NATIONAL LEADERSHIP CONFERENCE | WASHINGTON DC | JULY 23, 2017 – JULY 28, 2017

- Expanded leadership knowledge with a multitude of professional speakers and cooperation opportunities

Education

B.A. IN COMPUTER SCIENCE | AUGUST 2023 – PRESENT | EXPECTED GRADUATION 2027 | THE UNIVERSITY OF TEXAS AT ARLINGTON

Skills & Abilities

- Internal Systems Design
- Website Design/Building/Optimization
- Server Orchestration
- C/C++/C#
- AWS/Oracle Cloud
- MS Office / Google Office
- Javascript / Typescript
- Content Delivery Pipelines
- Public Response
- MySQL/Postgres
- Github Actions/DevOps
- Unity/Unreal
- Team Management