

JACOB TOTON

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https://
store.steampowered.com/
app/1254950
/Hell_To_Raze/

SKILLS

Programming Languages :

- SQL
- PHP
- C#
- C++
- JAVA
- HTML
- Python

Soft Skills :

- Team building
- Project organization
- Operational improvement
- Quick Learner
- Debugging
- Networking

EDUCATION

University of Utah
Salt Lake City, Utah • 04/2020

Bachelor of University Studies:
IS EAE Networking Hardware

ACCOMPLISHMENTS

EAE Capstone Graduation Project :

- Spent 9 months creating a video game with a team of 14 students.
- Helped design, develop and Launch "Hell to Raze" on steam within an Alpha State.
- Was one of the lead engineers within the project.
- Programmed C++ scripts within Unreal Engine 4.
 - AI : Implemented base scripts, path finding, behavior and interactions.
 - UI : Created the main menu for the game and all functionality within.
 - UI : Created custom mini maps as well as a larger version seen within the pause menu.
 - UI : Developed code that shows objectives and location markers within the game.
 - Oversaw and developed the Upgrade tree(experience system, player attack upgrades and interaction with enemies).
- Lead weekly scrum meetings.
 - Organized Tasks
 - Created Schedules
 - Helped maintain work flow respectively.
- Organized the team with other leaders during the covid-19 pandemic.
 - Held weekly and bi-weekly meetings through Online chat software during quarantine.
 - Helped maintain work flow and deadlines throughout the crisis.
- Took notes on player and industry review during each play test of the video game.
- Spoke with industry representatives during EAE play.

Information Systems :

- Worked with Amazon Redshift Servers (AWS).
- Created a cloud server to hold and analyze data imported into Tableau.
- Worked with PhpMyAdmin to create tables, data, and scripts for various websites and educational use.
- Used Notepad++ and HTML to create scripts for the website that access the server.
- Understand Waterfall and Agile Design Processes.
- Created a design document for a potential business organizing the process of creation for a mobile application.

Business :

- Designed and created a company within the Entrepreneurship program.
- Pitched the company to industry investors within Salt Lake City.
- Designed a product.
 - Analyzed the potential market and competitors.
 - Researched production and cost.
 - Created a marketing plan and located target customers.
- Won second place for the company within a competition.