

Walter B. Hill III

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Education

Studied abroad at Champlain College Montreal Campus - Fall 2018

Champlain College, Burlington, VT - Bachelor of Science Degree in Computer Science

- Graduated May 2020
- Dean's List - Fall 2016 – Spring 2018, Spring 2019
- Faculty Choice Award – Computer Science - 2017-2018 Year
- GPA: 3.8

Skills

- C++/ C#/Python/Bash/MySQL/HTML/JavaScript/CSS
- Experienced in Unity/Beginner in Unreal
- Game Programming Patterns – Game Loop, Update, Singleton, Observer, Object Pool
- Leadership - Global Game Jam Site Organizer 2018 - 2019
 - Advertised & held kickoff event, moderated final presentations

Projects

- Box Voyage – Senior Capstone, Fall 2019 – Spring 2020 – Unity/C#
 - Lead gameplay programmer on team of 13, with 3 programmers
 - Developed through concept, prototype, pitch & demo
 - Releasing on Itch.io and Steam June 2020
- Reboot – Production 2, Spring 2019 – Unity/C#
 - Lead gameplay programmer on team of 11, with 2 programmers
 - Player movement, win state, animation, build master
 - Developed through concept, prototype, pitch, scaling up, full production
 - Champlain Games Festival 2019 exhibitor
- Final Crusade – Summer Project 2018 - C++/SDL2
 - Top down shooter - Controller support, Object Pool pattern for bullets
 - Built upon knowledge from Game Architecture course
 - Managed production timeline, wrote design doc
- GitHub Page <https://github.com/walthill>
- Personal Website <https://weneedrockets.com/projects>

Work History

- Rad Magpie, Rad Jams Lead, Burlington VT (May 2019 – Aug 2019)
 - Taught Unity C# and GML coding at jams and camps with partner organizations
 - Developed logistics, curriculum, & budget for in-house game dev camps
- Brandthropology, Web Developer, Burlington, VT (Jun 2019 – Aug 2019)
 - Fixed bugs and implement features on client sites - CSS, PHP, Bash, & MySQL
 - Built client webpages according to specification
- Leahy Center for Digital Investigation, Full Stack Programmer (Spring Semester 2018)
 - Debugged & enhanced internal seating and timesheet systems (JavaScript, MySQL)