

Charles Quest Jones

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SKILLS

Programming Languages: C#, C++, CSS, HTML, JavaScript, Java, Lua, Python, R, SQL

Software: Ableton Live, Adobe Suite, Blender, Cakewalk, GarageBand, JIRA, Logic, .NET, O365, OpenToonz, STATA, Unity, Unreal Engine

>>> <https://github.com/mcquest>

Human Languages: Native English, Spanish Fluent, Elementary Japanese

SOFTWARE ENGINEERING EXPERIENCE

Sacramento Country Day School, Sacramento, CA

August 2021-Present

Computer Science Coordinator

- Teach computer science classes in C#, Python, Java, Unity, & Unreal Engine
- Organize day to day operations and educational materials of the recording studio

See Far Studios, Remote

Software Engineer, Musician, Sound Engineer, Programming Instructor

January 2019 - Present

- Build educational videogames in Unity with C#
- Teach 20-hour coding and software development courses to 1-5 student classes over zoom

Activision, Eden Prairie, MN

Quality Assurance/Functional Game Tester: Alienware, PS4, PS5

September – November 2020

- Utilized JIRA & debugged AAA video games 70 hrs/wk to remove bugs from the story mode
(I left because I was no longer willing to work on games that glorify war)

ID Tech, Remote

Software Engineering & Gameplay Programming Instructor

April – July 2020

- Taught about software and website building to 108 students with class sizes of 3-5

Wesleyan University, Middletown, CT

Teaching Apprentice: Video Game Design & Dev, Intro to Programming

May 2018 – May 2019

- Taught software engineering in Unity to aid 20 students in developing educational software

EBSCO Information Services, Ipswich, MA

June – December 2017

Data Science Intern

- Analyzed software and network activity of library databases to find bugs and security threats

ADDITIONAL WORK EXPERIENCE

Essex County Community Foundation, Danvers, MA

June 2019 – June 2020

Data, Software, & Education Specialist

- Investigated and analyzed data to improve representation for the communities of Essex

American Cancer Society, Chaska, MN

May 2009 – June 2015

Student Committee Leader: Relay for Life

- Coordinated one 24-hour event per year to raise over \$700,000 in 7 years

EDUCATION

Wesleyan University, Middletown, CT

September 2015 - May 2019

Bachelor of Arts, QuestBridge Scholar, GPA: 3.21/4.0

Double Major: Computer Science and Hispanic Literatures, & Cultures

Relevant Coursework

Programming Language Implementation

Algorithms & Complexity

Automata Theory & Formal Language

Computer Networks

Video Game Design & Development

Unity Programming Tutorial

Universidad Carlos III de Madrid, Madrid, Spain

August – December 2017

Wesleyan-Vassar Study Abroad Program: Spanish Language, History, and Film, GPA: 3.8

Chaska High School, Chaska, MN

September 2011 – June 2015

Summa Cum Laude, National Honor Society President, DECA, GPA: 3.99/4.0