JASON MOULE

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EDUCATION

Oregon State University — *Corvallis, Oregon*
Bachelor of Science in Computer Science — Exp. graduation: December 2020
<u>GPA: 4.0</u>

University of Colorado — *Boulder, Colorado*
Master of Arts, Economics

California State University — *Chico, California*
Bachelor of Arts, Economics (Minor: Business Administration)

EXPERIENCE

Oregon State University, College of Engineering — *Corvallis, Oregon*
Teaching Assistant — April – August 2019
- Advised and instructed students working on software projects (C++)
- Evaluated students code and style with eye on future improvement
- Answered questions both specific (office hours) and general (class forums)

Moule Paint & Glass — *Grass Valley, California*
Department Manager — 2003-2018
- Managed all aspects of glazing contracting business
- Duties included budgeting, personnel management, purchasing, estimating, and marketing

University of Colorado — *Boulder, Colorado*
Graduate Part-Time Instructor — 1999-2002
- Instructed undergraduates in various required courses
- Duties included preparing and delivering lectures, designing course work and student evaluation

SELECTED PROGRAMMING PROJECTS/INDEPENDENT STUDY

- **Warp Jockey** – C++ program: Old-school console space exploration game using OOP including inheritance and polymorphism.
- **Recibase** – Python/Flask website (https://group47-recibase.herokuapp.com) – 2 person team project using MySql database, Flask backend and templates with JavaScript/HTML/CSS.
- **Robots!** – Python PyGame and C# Unity game – port from memory of classic 1980s game (originally called Daleks).
- **YachtSide** – C# WPF Dice game with computer player & saved scores
- *Dataquest.io* online courses – completed 'Data Scientist in Python'
- *Udemy – Complete C# Unity Developer 2D* – completed 200+ lecture course on Unity / C#, including making 5 complete games.

PORTFOLIO

https://majule.github.io/

COURSEWORK

- Intro to C.S. I & II (C++)
- Discrete Structures (Math)
- Computer Architecture & Assembly Language (MASM)
- Data Structures (C)
- Web Development (HTML, CSS, Javascript, Express, AJAX, Node)
- Analysis of Algorithms (Python)
- Intro to Databases (MySql, Flask)
- Operating Systems (Bash, C)
- Intro to Networks (Python, C)
- Software Engineering (Agile, C++)
- Data Analytics & Applied Machine Learning (SPSS, Watson Studio)

SKILLS

Computer languages:
C#, Python, C++, C, SQL, HTML, Javascript
Frameworks:
.NET, WPF, UWP, Flask, Unity, Node, Express
Languages:
English (Native), Spanish (Beginner)
General Computer:
Windows, Linux, Excel, Visual Studio, Visual Code, Atom, git

HOBBIES / INTEREST

✈ World Travel / Photography

🎮 Computer Gaming

📖 Books (Esp. Sci-Fi)