

Michael Gao

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Undergrad CS Student with a background in Python, C, C#, and C++, seeking a team-based Internship to further coding experience and explore professional programming

Education

University of Oregon

(Expected Graduation 06/2022)

B.S. (3.78 GPA, 129 credits)

Computer & Information Science Major, Math Minor

- 4 Semesters Dean's List
 - UO Cybersecurity, UO Developers Club
 - Alpha Tau Omega Fraternity
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Experience

Blockchain Analyst

Oregon Blockchain Group

May 2021 - Present

Skills

Programming

Python, C, C#, C++, HTML, CSS, MySQL

OS

Linux/Unix, Windows, Mac

Languages

English, Chinese, Spanish

Projects

Web of Unity

Unity3D, C# (2021)

- As project manager, led and managed a group of 2 other students by directing tasks, organizing workflow, and hosting scrum meetings
- Created entirety of environmental design and level layout/progression
- Created various C# scripts for core gameplay mechanics
- Designed and created UI (main menu, tutorial, pause, game over/win scenes and respective scripts)
- Managed Git Submissions, Deadlines and Project Quality Control

Fisheye Stereo Camera Depth Detection & Object Recognition Python, Linux (2020)

- Calibrated Fisheye Stereo Camera System to Return Live Rectified Video and Images
 - Created Live and Static Depth Maps to Determine Object Distance
 - Implemented via OPENCV-PYTHON Library
 - Generated Real-Time Object Detection Video via YOLOv4 DNN and NVIDIA CUDNN on Linux to Determine Object's Relative Measured Distance from the System
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Relevant Coursework - Computer Science I - III, Computer Organization, C/C++ and Unix, Game Programming, Intermediate Algorithms, Intermediate Data Structures, Calculus I & II, Discrete Math I & II, Intro to Probability & Statistics, Statistical Models and Methods, Linear Algebra I & II

Scholarships

University of Oregon Summit Scholarship	9 Semesters
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Volunteer Activities

Good Samaritan Regional Medical Center Volunteer, Corvallis, OR	2015 - 2017
Organized medical supplies and assisted patients and staff	
<ul style="list-style-type: none">● Commitment to Service Award, Emergency Dept.	
