Michael Zavalza

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GitHub: https://github.com/zavalzam?tab=repositories

EDUCATION	**Oregon State University**, Corvallis, OR

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Oregon State University, Corvallis, OR
Bachelor of Science, Applied Computer Science, June 2021 — GPA: 3.68

Astoria High School, Astoria, OR
Valedictorian, Class of 2016 — GPA: 4.00

COMPUTER SKILLS

Languages: C, C++, Python, JavaScript, HTML, CSS, Assembly, SQL, GLSL.
Applications: Visual Studio, Git, VMWare, VirtualBox, MySQL, Node.js, MongoDB, Docker, Blender, OpenSSL, OpenGL, Metasploit.
Operating Systems: Linux, Windows.

EXPERIENCE

Air Force ROTC — Sep 2016 - Present
Cadet — AFROTC Detachment 685
Currently a cadet in the Air Force Reserve Officer Training Corp program. Upon graduation will commission as a Second Lieutenant in the United States Air Force and begin career as a Cyber Officer.

Advanced Cyber Education — Aug 2019
Air Force Institute of Technology — Wright-Patterson Air Force Base, OH
Attended the Advanced Cyber Education course at the Air Force Institute of Technology, a month long training course for Air Force ROTC cadets. Studied cybersecurity principles and culminated with a team based hackathon, where teams constructed networks of virtual machines then attacked other team's networks while defending their own.

Projects

Small Shell — Dec 2018
Created a small bash-like shell, able to move directories and run other programs. Completed as a solo assignment for Operating Systems class.

Media Database — Dec 2019
Created a SQL database and website with information on thousands of movies and actors. Data input by parsing from 15 different sources with a total of over 200,000 data entries. Programmed using HTML, Javascript, CSS, and SQL. Completed as a team project in Database Management Systems class.

Course Management System API — Jun 2020
Created an API for a course management system. Allowed for the creation and management of courses, assignments, and users, with data including both text and file upload. Programmed using Javascript, with other tools including Node.js, MongoDB, and Docker. Completed as a team project in Cloud Application Development class.

EXTRA CURRICULAR ACTIVITIES

Arnold Air Society: Northwest Area Financial Manager — Apr 2018 - Apr 2019
Silver Talons Drill Team: Color Guard Commander — Sept 2018 - Sept 2020
Marching Band: Member — Sept 2020 - Present

INTERESTS

Security, Game Design, Web Development, Computer Graphics, Animation.