

Alex Wolski

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Education

San Jose State University
Master of Science in Computer Science

San Jose, CA
May 2022

San Francisco State University
Bachelor of Science in Computer Science
Cumulative GPA: 3.85/4.0

San Francisco, CA
December 2019

Relevant Coursework:

Advanced C++ Programming, Software Engineering, Intro to Computer Graphics, Linear Algebra

Skills

Hard Skills: C++, C#, Java, Javascript, Python, Git/Github, Unix/Linux, Rendering Algorithms
Soft Skills: Teamwork, Leadership, Problem Solving, Adaptability
Spoken Languages: English, Japanese

Work Experience

Teaching Assistant
San Francisco State University

San Francisco, CA
8/2018 – 12/2019

- Graded C++ assignments for a Programming Methodology class.
- Developed an efficient workflow utilizing task automation and plagiarism detection tools.
- Reduced the average grading time for all teaching assistants from 7 days to 4 days and increased the number of plagiarism cases caught by 200%.

Select Projects

Ray Tracing Renderer
<https://github.com/AlexWolski/Ray-Tracing-Renderer>

San Jose State University
10/2020 – Present

- Independently created a ray tracing renderer in C++.
- Designed and developed the rendering algorithm and a scene creation/management system from scratch.
- Gained valuable experience with rendering algorithms and received a score of 120% on the assignment.

Safe SF
<https://github.com/AlexWolski/csc648-SafeSF>

San Francisco State University
11/2018 – 12/2018

- Managed a team of 7 people to create an environmental hazard posting website.
- Delegated tasks and held biweekly SCRUM meetings as the team leader.
- Developed API endpoints on the backend and developed interactive web pages on the front end.
- Completed a secure and functional website before the deadline and gained software engineering experience.

References

Available upon request