

Daniel Fuerlinger

<https://www.danielfoobar.com> – See 'Contact Me' page for contact info

Portfolio

- Please visit my website at <https://www.danielfoobar.com> to see my code and personal projects.

Education

AUGUST 2019 – MAY 2022 | GEORGE MASON UNIVERSITY

- Graduated with a BS in Applied Computer Science w/ concentration in Computer Game Design
- Earned a cumulative 4.0 GPA w/ Summa Cum Laude (Highest Distinction)
- Earned a Distinguished Academic Achievement Award
- Completed courses in studying operating systems, algorithm design, computer graphics, and object-oriented design and implementation

AUGUST 2015 – MAY 2019 | KETTLE RUN HIGH SCHOOL

- Graduated with cumulative 4.303 GPA and an Advanced Diploma with Highest Distinction
- Completed AP Math, English, History, and Computer Science courses

Skills & Abilities

- Programming in C/C++, C#, Python, JavaScript
- Source control with Git on the command line
- Graphics with CUDA, OpenGL, Vulkan
- Machine learning with NVIDIA TensorRT

Work Experience

SOFTWARE ENGINEER AT ARETÉ ASSOCIATES | JUNE 2022 – PRESENT

- Develops cross-platform software using C++ and Python for image and video processing
- Integrates machine learning algorithms into real-time software with CUDA and NVIDIA TensorRT
- Balances workloads of multiple projects and deadlines at once

JUNIOR SOFTWARE ENGINEER AT OPTIMAL SATCOM | JUNE 2021 - AUGUST 2021 (SUMMER INTERN)

- Worked on a small team to add new features to web software written in C# using ASP.NET Core and HTML/CSS/JavaScript

BOOKSELLER AT BARNES & NOBLE COLLEGE BOOKSTORE | AUGUST 2019 - MARCH 2020

- Helped customers find the textbooks for their classes and used inventory and stock keeping systems to hold several different registers

Leadership Experience

PROGRAMMING DIRECTOR OF GMU "GADIG" GAME DESIGN CLUB | AUGUST 2020 – MAY 2021

- Led a team of approximately twelve programmers with a mission of developing a video game each semester. Taught programmers how to work effectively as a team and use Git on the command line

PRESIDENT OF KETTLE RUN TECHNOLOGY STUDENT ASSOCIATION | OCT 2018 – MAY 2019

- Organized several community service projects and created the agenda and action items for each club meeting

References available upon request