

Carter Susi

Software Engineer

 [GitHub](#)

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 [Web](#)

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 [LinkedIn](#)

Skills

- Languages: C/C++ | Cuda(C/C++) | Python | Go | TypeScript | Javascript | Java | Rust | Lua
- Web: React | Svelte | Gin | Flask | Dash | WebSockets | Rest API's | CRUD API's | Vercel Edge Functions | SQL | Redis
- ML: Cuda |Tensorflow | Pytorch | Scikit | NumPy | SciPy | Jupyter | Colab | Pgvector

Education

- | | | | |
|---|---|-------------|---------------|
| Bachelor of Science | University of Central Florida | Orlando, FL | 01/21 - 12/24 |
| • Major in Mathematics and Computer Science | | | |
| Associate of Arts | SeaCoast Collegiate HS | Seaside, FL | 08/13 - 05/17 |
| • Major in Engineering Technology | | | |

Experience

- | | | | |
|---|---|----------------------|-----------------|
| Freelance Developer | Amy & Catie Photography | Santa Rosa Beach, FL | 08/23 - Current |
| • Moving a wordpress website to a Vercel hosted Web App using Nextjs, Redis, and Vercel Edge Functions. | | | |
| • Implementing a dynamic index for blog posts and portfolio images. | | | |
| • Creating an account system to message clients, add favorited images, and purchase products. | | | |
| • Increase lighthouse and SEO scores to outperform all competitors in a local market. | | | |
| Owner | Primitive Beach Services | Santa Rosa Beach, FL | 01/20 - 01/23 |
| • Owner of a local business providing beach rental equipment to tourists. | | | |
| • Led and worked alongside a team of 3-5 employees. Responsible for their pay, schedueling, and well-being. | | | |
| • Creating a business model to allocate revenue efficiently while staying competitive in the local market. | | | |
| • Using python for data analysis on advertisements and web statistics to achieve the highest possible success rate on targeted ads. | | | |
| Manager | Beach Valet | Santa Rosa Beach, FL | 02/19 - 01/20 |
| • Led and worked alongside a team of 15-20 employees. | | | |
| • Responsible for schedueling, training, and maintaining company standards. | | | |
| Tutor | The Tutoring Center | Sandestin, FL | 08/18 - 04/19 |
| • Part-time Mathematics and SAT prep tutor. | | | |
| Part-Time Worker | MooLaLa | Sandestin, FL | 08/16 - 02/19 |
| • Part-time worker at an ice cream store. | | | |

Projects

- | | | |
|---|---------------------------|-----------------|
| Web App | IrQuantum | 04/23 - Current |
| • Interactive web app that provides a graphical interface for non-technical traders to use financial machine learning models. | | |
| • Front-end is built on React. Communicates with a back-end Go server using WebSockets, CRUD, and Rest API's. Models run on python and C++ using grpc and CGo. | | |
| Animated Video | Anime Short-Film | 10/22 - 12/22 |
| • Working with Full Sail students to train and fine tune open sources stable diffusion models, in order to create animated scenes from recorded live action film. | | |

Amy & Catie Photography
Catie | Owner
[850-461-1972](tel:850-461-1972)

Beach Valet
Larry Greene | Owner
[770-869-5472](tel:770-869-5472)

The Tutoring Center
Julie | Owner
[850-687-7961](tel:850-687-7961)

MooLaLa
Josh Schmidt | GM
[804-589-7037](tel:804-589-7037)