



Remmington M. Long


Computer Science Student
University of South Florida
Pathway To Computing Graduate Program




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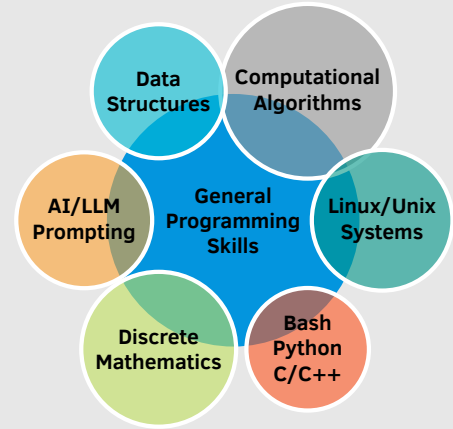
Remmington-Long



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Skills

General Overview



Programming

Novice—————>Expert

C • C++ • Python

Linux|Unix • Git

HTML • CSS • \LaTeX

Certifications

- Exceptional Student Education
2015-2025
- Social Studies Education
2015-2025
- Professional Education
2015-2025
- ESOL
2022-2025

Education

- 2023 - Pres. Pathway To Computing Graduate Program University of South Florida
- 2007 - 2014 B.A. - Social Science Education University of South Florida

Relevant Course Work

- Sept 2023 - Dec 2023

Computing Essentials: Python PCGP @ USF
Application of computational methods using modern high-level languages.
 - Develop functional Python programs for problem-solving, incorporating the processing of data files as program inputs.
- Sept 2023 - Dec 2023

Discrete Structures PCGP @ USF
Discrete Mathematics oriented towards Computer Science.
 - Proficient application of propositional logic, mathematical problem-solving, and algorithmic analysis.
 - Mastery of discrete mathematics, including proof techniques, combinatorial analysis, and fundamental concepts in graph theory.
- Sept 2023 - Dec 2023

C Programming PCGP @ USF
Proficiently navigate Linux, utilize pointers, structures, and unions for data structures.
 - Master essential C programming tasks on the Linux platform, apply comprehensive knowledge to work with pointers, pointer arithmetic, structs, unions, and memory allocation, including the implementation of basic data structures like linked lists.
- Sept 2023 - Dec 2023

Computer Systems Essentials PCGP @ USF
Architecture, operating systems, and systems programming design.
 - Grasp computer hardware, OS principles, and C programs invoking system calls.
 - Apply concurrency, memory management, and comprehend computer system security basics.
- Jan 2024 - Apr 2024

Data Structures PCGP @ USF
Optimizing programming efficiency through data structures.
 - Master Python object-oriented design, incorporating recursion for software development.
 - Proficiency in abstract data types, including implementation, utilization, and comparison of typical ADTs like stacks, queues, hash tables, trees, and graphs.
- Jan 2024 - Apr 2024

Networking Essentials PCGP @ USF
HTTP and network programming.
 - Gain expertise in network protocols, programming, security, and communication architectures.

Purpose Statement

Having dedicated nine years as an Educator with Hillsborough County Public Schools, I am now eager to transition into a career in computer science. I bring with me a strong educational background, coupled with a genuine passion for technology and an unwavering commitment to lifelong learning. My enthusiasm stems from a desire to contribute to innovative solutions, design cutting-edge software, and address complex challenges in the digital landscape. I aim to apply my knowledge to real-world applications, striving for excellence in software development and system optimization. As a proactive learner, I am ready to adapt to emerging technologies, and eager to make a meaningful and impactful contribution to the ever-evolving field of computer science.