**Arthik Dasari**

C++ Certified Associate Programmer (C++ Institute)

[arthik.dasari@gmail.com](mailto:arthik.dasari@gmail.com) • 225 Bluff Point Road, South Glastonbury, CT 06073 • 860-682-0444

EDUCATION **Rensselaer Polytechnic Institute**

*B.S Computer Science,* Troy, NY (May 2024)

*Minor in Economics, Minor in Cognitive Science in Artificial Intelligence*

**Glastonbury High School**, Glastonbury, CT (June 2020)

COURSEWORK **CSC1, Data Structures, Computer Organization, Foundations Of Computer Science, Algorithms, Principles of Software, Programming Languages, Operating Systems (current), Database Systems (current), RCOS (current)**

***Data Structures***

* Learned C++, memory efficiency, and the uses of different data structures

Final Project:

* *The five fundamental data structures studied were: vector, list, binary search tree (set / map), priority queue, and hash table (unordered set / unordered map).*
* *A study of Big O Notation of different structures and its real-world applications and effects.*

WORK EXPERIENCE

* RPI MATLAB Student Ambassador, *Troy, NY*  (August, 2021 – Current)
* Independent tutor for the SSAT, PSAT, and SAT (April, 2019 – Current)
* **Software Engineering Intern at The Hartford** (May 2022 – August 2022)
* Buildmaster work using Jenkins and UDeploy
* Excel/PowerPoint document automation using VBA code
* Working with mentor on fixing errors using Gosu/Java in Guidewire
* Database inconsistency checks using SQL
* Kumon Math and Reading instructor,  *CT*  (Jan, 2018 – August, 2021)
* Vector Marketing, *Farmington, CT* (May, 2021 – August, 2021)
* Fibre Dust LLC*, Cromwell, CT* (May, 2020 – August, 2020)

SKILLS

* C++, Java, C, Python, Prolog (logic programming language), MIPS (assembly language), VBA, SQL, HTML, CSS, JavaScript, Bootstrap, Gosu (built on Java), MATLAB
* Ubuntu 20.04.2(Linux-based Operating System)

TOOLS

* Toad, GitHub, **Jenkins, Udeploy**, **Visual Studio**, Eclipse, Sublime Text, Spyder, Dr. Racket
* Windows 10
* Microsoft: Teams, Word, **Excel**, PowerPoint, SharePoint
* Google: Docs, Sheets, Slides, Drive, Forms

CERTIFICATIONS

* C++ Certified Associate Programmer (C++ Institute) (August 2021)

HONORS

* Rensselaer Leadership Award, Rensselaer Recognition Award

CLUBS

* **Roebling Investment Club,** RPI Men’s Club soccer, RPI Men’s Club basketball

EXTRAS

* Drum set player, volunteer at camps for special needs children (camp sunrise, TOPS)