**Arthik Dasari**

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EDUCATION **Rensselaer Polytechnic Institute** *(August 2020 – May 2024)*

Major: Bachelor of Science in Computer Science

Minors: Economics / Cognitive Science in Artificial Intelligence

Honors and Awards: Rensselaer Leadership Award, Rensselaer Recognition Award

COURSEWORK CSC1, Data Structures, Computer Organization, Foundations of Computer Science, Algorithms, Principles of Software, Programming Languages, Operating Systems, Database Systems, RCOS

WORK EXPERIENCE **MathWorks**

*RPI MATLAB Student Ambassador (August 2021 – Current)*

* + Hosted dozens of events at RPI to spread information about and teach MATLAB software to students and staff.
  + Contacted professors and department heads to integrate MATLAB into RPI courses and research projects.

**The Hartford Insurance Company**

*OTD&A LDP Intern (May 2023 – August 2023)*

* + Contributed as a data engineer on the FinOps data warehousing project used to aggregate ~$6 million of cloud consumption platform costs and allocate them to ~160 responsible teams within Snowflake.
  + Used SQL to transform source data and integrate it into the final dimensional model.
  + Used Python to automatically pull data from a SQL Server database, transform it with Pandas, and upload it to an AWS S3 bucket.
  + Developed two Linux bash scripts to automate the manual twenty-step process of pulling data from production to non-production environments.
  + Created data quality controls to monitor the general status of the warehouse.
  + Utilized Tableau to create data visualizations and dashboards of our cost usage.

*Software Engineering Intern*  *(May 2022 – August 2022)*

* + BuildMastered code releases using Jenkins and UDeploy to integrate Guidewire code fixes.
  + Utilized VBA code to automate Excel and PowerPoint documentation to speed up manual processes.
  + Utilized Gosu/Java in Guidewire to fix compile and logic errors to optimize code
  + Implemented database inconsistency checks utilizing SQL to find differences in data in various development environments.

**Kumon**

*Math and Reading instructor* *(January 2018 – August 2021)*

* Professionally trained to answer any questions from k-12 using only Kumon math and reading strategies.

SKILLS: LANGUAGES C++, Java, C, Python, SQL, HTML, CSS, JavaScript, Bootstrap, VBA, Prolog (logic programming language), MIPS (assembly language), Gosu (built on Java), MATLAB

SKILLS: SOFTWARE Visual Studio Code, PuTTy, Eclipse, Sublime Text, Spyder, Toad, Jenkins, UDeploy, Snowflake, AWS EMR, AWS S3

Microsoft: Teams, Word, Excel, PowerPoint, SharePoint, One Drive

CERTIFICATIONS **C++ Institute** *(August 2021)*

*C++ Certified Associate Programmer*