**Ram Aditya Nandula**

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<https://www.linkedin.com/in/ram-aditya-nandula/> | <https://github.com/ramnandula> | <https://ramnandula.github.io/>

**EDUCATION**

**B.S.** **in Computer Science GPA 3.836**

**The University of Texas at Dallas*,*** Richardson, TX Dec. 2021 *Collegium V Honors Program, Phi Kappa Phi Honor Society, Academic Excellence Scholarship, Dean’s List*

**WORK AND RESEARCH EXPERIENCE**

**North Texas Chess Academy,** Carrollton, TX

*Certified Chess Instructor*Nov. 2020 – Present

* Teach chess to over 20 students through interactive private lessons, school programs, and camps Manage Manage Manage
* Manage students’ behavior and participation, assign homework, and assess students’ progress

**Distributed Systems Laboratory,** Richardson, TX

*Research Assistant*Jan. 2021 – May 2021

* Analyzed research papers and used them to contribute to improving viewport prediction for distributed virtual reality systems to conserve bandwidth
* Manage students’ behavior and participation, assign homework, and assess students’ progress

**TECHNICAL SKILLS AND RELEVANT COURSEWORK**

* *Languages:* Java, Python, C++, Bash, HTML, CSS, JavaScript
* *Frameworks:* Bootstrap,
* *Courses:* Probability and Statistics, Data Structures and Algorithms, C/C++ on UNIX, Machine Learning, Operating Systems, Web Programming

**PROJECTS**

**Chess Interactive Game** Jun. 2021

* Developed a Ruby program that simulates a computer system consisting of a CPU and memory by creating separate processes that communicate through a pipe

**Chess Academy Website** Jun. 2021

* Developed a C++ program that simulates a computer system consisting of a CPU and memory by creating separate processes that communicate through a pipe

**Facebook Website Clone** Jul. 2021

* Developed a C++ program that simulates a computer system consisting of a CPU and memory by creating separate processes that communicate through a pipe

**Google Maps Web App** Jul. 2021

* Developed a C++ program that simulates a computer system consisting of a CPU and memory by creating separate processes that communicate through a pipe

**ORGANIZATIONS**

* **Artificial Intelligence Society,** *Public Relations Coordinator* Dec. 2018 – Aug. 2019
* **AIESEC Dallas,** *Exchange Participant Manager* Aug. 2018 – Apr. 2019
* **UT Dallas Chess Program,** *Reserve Team Member*  Aug. 2017 – Apr. 2019