# LUGDUNI DESROSIERS

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## EDUCATION

**St. Thomas Aquinas College**, Sparkill, NY
Bachelor of Science in Computer Science, May 2020                                  GPA: 3.61

## HONORS & AWARDS

**Academic Scholarship,** St. Thomas Aquinas College                         Fall 2016 - Present
**Athletic Scholarship,** St. Thomas Aquinas College                          Fall 2016 - Present
**Dean's List,** St. Thomas Aquinas College                      Fall 2016, Spring 2018, fall 2019

## SKILLS

**Coding Languages:**          *Java   Python   C++   Go   JavaScript   Html   CSS   Scala*
**Software Development:**    *Agile(Scrum)    TDD*

## PERSONAL PROJECTS

Path Finding demo (Dijkstra)              (https://github.com/ddunig2/PathFindingDemo)
Data Structures and Algorithm app       (https://github.com/Namste-Inc/Data-Structure-and-Algorithm-app)
Personal Website (React, HTML, CSS, Go API)
REST API (Go, MySQL, HTTP, JSON)
All other projects                          (https://github.com/ddunig2)

## OPEN SOURCE CONTRIBUTION

**RXJava**      Cleaned up Javadoc through backporting (https://github.com/ReactiveX/RxJava/pull/6746)
**JabRef**       Added enhancement to the main layout (https://github.com/JabRef/jabref/pull/5789)

## RELATED EXPERIENCE

*Computer Science Tutor* @ **Varsity Tutor,** Sparkill, NY (Remote)                 9/18 - Present
- Utilize strong time management skills.
- Publicly present technically advanced topics in computer science.
- Tutor students in Java, Python and C++ programming. Specialize in Java and Python.

*Computer Science member* **of XLab Class @ St. Thomas Aquinas College**, Sparkill, NY        Fall 2019
- Utilize SCRUM to effectively collaborate, cross-functionally, with 5 different teams.
- Use Git for version control, allowing for better collaboration amongst developers.
- Participate in daily stand-ups to go over current Sprint progress.

*Computer Science Inter* @ **Brookhaven National Laboratory,** Upton, NY               6/19 - 8/19
- Worked with ARM data and Python to develop an algorithm to help remove unwanted cloud radar returns (artifact).
- Removed artifact to improve cloud statistics and provide more accurate measurements for climate model development and verification.

*Technology Intern* @ **Tech Camp hosted by St. Thomas Aquinas College**, Sparkill, NY        8/18 - 8/18
- Taught campers basics of electrical and software engineering.
- Solidified understanding of core CS fundamentals.

## EXTRACURRICULAR ACTIVITIES

*Athlete*                     **St. Thomas Aquinas College, Track & Field**            9/16 - Present
*Volunteer*                  **Keep Rockland Beautiful**                       10/16 , 10/17, 10/18