

# Arnaud Strydom

3rd Year Computer Science Student



Hatfield, Pretoria 0028



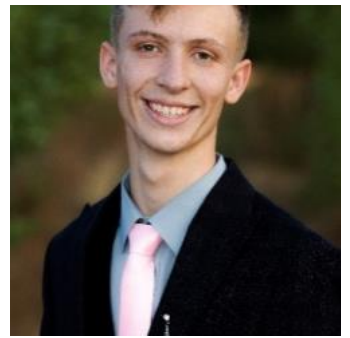
[Bold Profile](#)



072 572 6624



ArnaudZander.S@gmail.  
com



A highly motivated **BSc Computer Science** third-year student at the **University of Pretoria**, specializing in **Software Engineering, Web Development, Cybersecurity, and Artificial Intelligence**. Passionate about designing efficient software solutions and continually expanding technical expertise. A strong problem-solver with excellent communication skills, eager to contribute to innovative IT projects. Adept at working both independently and in collaborative team environments to solve complex challenges.



## Websites, Portfolios, Profiles



- <https://github.com/ArnaudZStrydom>
- <https://www.linkedin.com/in/arnaud-zander-strydom-44a95a319/>



## Work History



### RCL Committee Member

*Bergsig Academy High School, Rustenburg*

- Displayed strong leadership qualities by resolving conflicts among peers while maintaining a respectful environment for all involved parties.
- Advocated for resources needed by specific departments or groups within the school, leading to better support systems for those areas.
- Provided guidance during new student orientations to create an inviting atmosphere for incoming freshmen or transfer students.
- Collaborated with fellow representatives to address student concerns, resulting in improved campus experiences.
- Developed strong communication skills through regular interactions with students, teachers, and administrators.
- Welcomed students and families during school events and distributed necessary event information.



### Tutor

*University of Pretoria, Pretoria, South Africa*

- Provided homework assistance using specific curriculum and materials.
- Motivated students towards learning and studying to build self-confidence and reduce fear of failure.
- Collaborated with students to complete homework assignments, identify lagging skills, and correct weaknesses.
- Tutored diverse groups of students to strengthen subject

2021-05 - 2022-10

2025-02 - Current

2014-01 - 2016-01

comprehension, boost confidence, and build important learning skills.

## Junior Instructor

*Amorim Tang Soo Do Studio, Rustenburg*

- Coached new students by breaking down techniques into simple moves.
- Instructed on proper breathing techniques, stances, and forms.
- Evaluated student performance to determine promotion in rank.
- Provided feedback and corrections to improve students' skills and techniques.
- Taught both core principles and fighting techniques to students of all levels.
- Assisted with sparring and contact exercises to pair students of similar rank, size, and age.
- Encouraged physical fitness to encourage students to maintain healthy lifestyles.



2023-12

## Education

### Bsc: Computer Science

*University of Pretoria*

Current 3rd year

2022-12

### Grade 12

*Bergsig Academy*

Subjects: Afrikaans Home Language, English First Additional Language, Life Orientation, Mathematics, Physical Science, Information Technology, Accounting, Alpha Mathematics



## Activities

RCL Committee, Grade 6, 7 & 12, Junior Instructor, Amorim Tang Soo Do Studio, 2014-2016, School Choir Primary and high school (Grade 1-12), Solo Performances in the choir and school musicals, North west youth choir, Attended numerous national competitions, Karate, 1st Dan (Black Belt) received at age 11, Participated in the Tang Soo Do World Championships USA in 2014 and received a gold and silver medal, Ringball, Grade 6 & 7 Second team north-west provincial team, Grade 10, 11, 12 Veteran team, Cricket, Grade 8 & 9 & 10: A team, Hockey, Grade 8 & 9 & 10: 2nd Team, Soccer, Grade 10 & 11 & 12: 1st team, Grade 10, 11, 12 silver angels soccer academy, Athletics, Grade 7 high jump & long jump



## Subjects

- Afrikaans Home Language
- English First Additional Language
- Life Orientation
- Mathematics
- Physical Science

- Information Technology
- Accounting
- Alpha Mathematics



## Skills

- Proactive Self-Starter
- Analytical Problem-Solving
- Team Leadership
- C++ Programming
- Java Programming
- JavaScript Proficiency
- SQL
- PHP Development
- Cascading Style Sheets
- HTML Proficiency
- Proficient in Node.js
- Front-End and Back-End Development
- Backend Web Development
- Data structures and algorithms
- Object-Oriented Programming
- Netcentric Computer systems
- Software Development
- Database design
- Databases
- DBMS
- Server side programming
- API's
- Peer mentoring
- Student advocacy
- Teamwork
- Teamwork and collaboration
- Leadership and people development
- Team Collaboration
- Problem-solving



## Accomplishments

### Sports & Martial Arts

- **Karate (1st Dan Black Belt):** Competed in the 2014 Tang Soo Do World Championships (USA), winning gold and silver medals.
- **Soccer:** 1st Team player & Silver Angels Soccer Academy (Grade 10-12).
- **Cricket & Hockey:** Played at competitive levels in high school.

### Music & Performing Arts

- **School & North West Youth Choir:** Performed in national competitions and solo performances.



## Languages

● Afrikaans

● English



Bilingual or Proficient (C2)



Bilingual or Proficient (C2)



## Interests

● Programming

● Software Development

● Computer Science

● Web Development