

Jival Singh

3rd Year BEng Computer Engineering Student

Location: Pretoria

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SUMMARY

I am a third year Computer Engineering student, studying at the University of Pretoria. I have a passion for technology, innovation and problem solving. It is my ambition to solve challenging, real-world problems and to make a valuable contribution to society. I am a focused and committed individual who aims for excellence in all that I do. I am capable of learning concepts quickly and skilled at complex problem solving, mathematics and programming.

EDUCATION

Cambridge Academy, Witbank

2021 (Matric)

| | | |
|--------------------------------------|-----|-------------|
| English | 78% | |
| Afrikaans | 80% | distinction |
| Engineering Graphic and Design | 90% | distinction |
| Mathematics | 91% | distinction |
| Physical Science | 80% | distinction |
| Computer Applications and Technology | 88% | distinction |
| Life Orientation | 82% | distinction |
| Average | 84% | |

University of Pretoria

2022 (First Year)

| | | |
|---------------------------------|-----|-------------|
| Operating Systems 122 | 66% | |
| Imperative Programming 132 | 67% | |
| Program Design 110 | 77% | distinction |
| Electricity and Electronics 111 | 76% | distinction |

| | | |
|------------------------------------|--------|-------------|
| Statics 122 | 72% | |
| Humanities and Social Sciences 110 | 79% | distinction |
| Humanities and Social Sciences 120 | 75% | distinction |
| Mathematics 164 | 72% | |
| Physics 116 | 67% | |
| Calculus 158 | 79% | distinction |
| Term Average | 72.56% | |

University of Pretoria 2023 (Second Year)

| | | |
|------------------------------------|--------|-------------|
| Engineering statistics 220 | 85% | distinction |
| Data structures and algorithms 212 | 72% | |
| Electrical engineering 211 | 76% | distinction |
| Professional communications 210 | 81% | distinction |
| Linear systems 220 | 78% | distinction |
| Introduction to programming 201 | 98% | distinction |
| Digital systems 220 | 73% | |
| Community-based project 203 | 90% | distinction |
| Materials science 113 | 57% | |
| Mathematics 238 | 79% | distinction |
| Differential equations 256 | 73% | |
| Calculus 258 | 64% | distinction |
| Numerical methods 263 | 76% | distinction |
| Term Average | 75.03% | |

University of Pretoria 2024 (Third Year)

| | | |
|---|--------|-------------|
| Engineering Management 310 | 74% | pass |
| Intelligent Systems 320 | 79% | distinction |
| Control Systems 320 | 81% | distinction |
| Electromagnetic compatibility 310 | 76% | distinction |
| Software Engineering 321 | 70% | pass |
| Engineering Activity and Group Work 320 | 80% | distinction |
| Term Average | 76.67% | |

ACHIEVEMENTS

- Mpumalanga Colours for Archery
- Member of South African Development Archery Team
- Senior Archer of the Year, Cambridge Academy
- Represented Nkangala Chess Team at SA Tournament
- Full Academic Colours
- Chosen as a school leader in matric year
- Golden Key International Honor Society member
- Included in the 2023 Dean's merit list at the University of Pretoria

SKILLS

- Proficient in C++, Java, Python
- Experience with using Git and Github
- Experience with Javascript
- CCNA ITN certificate
- CCNA SRWEss certificate
- CCNA ENSA certificate
- Proficient in the following Microsoft packages:
 - Word
 - Excel

REFERENCES

Mr. Sydney Nyabadza
Senior Maths Teacher, Cambridge Academy Witbank
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