

# THOMAS KABALIN

██████████ | ██████████ | Cape Town, South Africa  
[thomaskabalin.com](http://thomaskabalin.com) | [linkedin.com/in/thomaskabalin](https://linkedin.com/in/thomaskabalin) | [github.com/tkabalin](https://github.com/tkabalin)

## PROFILE

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Second-year Business Science student at UCT, specialising in Computer Science. Vice-Chancellor's Scholarship recipient and class medallist with a strong track record of academic and leadership achievements. Proficient in Java, Python, C#, and SQL, with a strong interest in using IT to solve real-world problems. Recognised for my disciplined work ethic, organisational ability, and aptitude for learning. Seeking a role where I can combine my unique blend of technical skills, business acumen, and leadership experience.

## EDUCATION

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2024 - Present

### **Bachelor of Business Science specialising in Computer Science, UCT**

Received the Vice Chancellor's scholarship for being among the top 10 applicants to UCT from the Western Cape in 2024.

First Year GPA: 88.13

First Year Awards:

- Class Award for Top Student in CSC1016 – Object Oriented Programming
- Certificate of Merit for CSC1015 – Introduction to Programming (Top 10% of the Class)
- Bain & Company Award for 3rd Place in 1st year Bachelor of Business Science
- Dean's Merit List 2024

2018 - 2023

### **National Senior Certificate (Matric), Cannons Creek High School**

*Distinctions: 8*

*Aggregate: 96.3%*

*Subjects: English HL (93%), Afrikaans FAL (93%), Life Orientation (98%), Mathematics (99%), Information Technology (99%), Accounting (99%), Physical Sciences (95%), Computer Applications Technology (95%)*

## WORK EXPERIENCE

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2021 - Present

### **Digital Study Materials Venture**

Since Grade 10, I have run a small business marketing and selling digital study notes to high school and university students. I have sold them both through online platforms ([Stuvia](#)) and directly to people in my courses. This has taught me a variety of valuable skills, including marketing and sales. In 2024, I made approximately R16 000 profit.

January 2025

### **Data Entry, IT and Administrative Assistant (Seasonal), Cannons Creek Independent School**

Provided support to the executive head of the school, IT integrator and high school secretary ahead of the new school year. Key tasks included managing digital calendars, updating student data on EdAdmin and CEMIS, and creating, removing and resetting user profiles on Windows Server.

## LEADERSHIP AND EXTRA-CURRICULAR

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- IITPSA Programming Olympiad Scientific Committee Member (2024 - Present)
- Prefect at Cannons Creek High School (2023)
- Participated in the Deloitte Young Executives Program (2023)
- Head of School Sound, Lighting and AV Team (2021 - 2022)
- Chairperson of School Photographic Society (2021 - 2022)
- Treasurer of Matric Dance Committee (2022)
- Head of School Marketing Team (2020 - 2021)

## SKILLS AND ABILITIES

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- **Technical Skills:** Proficient in Java, Python, C#, R, and SQL; experienced with HTML, CSS, MIPS Assembly, and Delphi. Solid foundation in computer science fundamentals, with practical knowledge of version control (Git, GitHub) and development tools such as VS Code, IntelliJ, Visual Studio, RStudio, and Microsoft Office Suite.
- **Data Analysis & Visualization:** Experience with data manipulation and visualization using Python (Matplotlib), Excel, and RStudio for academic projects.
- **Analytical Thinking:** Strong problem-solving and analytical skills, developed through academic coursework and personal endeavours.
- **Leadership:** Held many leadership positions throughout high school (listed above), which culminated in my election as a prefect in my Grade 12 year.
- **Project Management:** As part of my role as a prefect, I oversaw the designing and printing of yearbooks for our matric class. This involved gathering content, designing and compiling the book and getting it printed.
- **Organisational and Time Management:** Demonstrated these skills throughout my high school and university career, and they are the reason for much of my academic success.
- **Communication:** Skilled in both written and verbal communication, with experience presenting technical and non-technical information to diverse audiences.
- **Teamwork & Adaptability:** Experience working in diverse teams during group projects.
- **Entrepreneurship:** Ran a successful business selling study notes to help fund my studies.

## SCHOOL ACHIEVEMENTS AND AWARDS

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2023	<b>Excellent Academic Achievement in NSC Exams, WCED</b> This is awarded to the top 40 candidates in the Western Cape according to the marks obtained in their best six subjects that fulfil the requirements for the award of a National Senior Certificate.
2023	<b>School Dux, Cannons Creek High School</b> The School Dux award is awarded to the student who achieves the highest average mark in the school following the NSC examination.
2023	<b>Principal's Honour Award, Cannons Creek High School</b> The Principal's Honour award is the highest award at Cannons Creek and is awarded for displaying characteristics of leadership, loyalty and courtesy.
2022	<b>Silver Medal in 2022 National Applications Olympiad, IITPSA</b> The Applications Olympiad involves solving a number of problems using a Microsoft Office package and the data provided. Over 50,000 participants take part in the Olympiad programs annually.