



## CONTACT

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## EDUCATION

**2022 - Present**

**Varsity College Cape Town**

Bachelors in Computer Science  
and Application Development

**2021 - 2021**

**UNIVERSITY OF  
PRETORIA**

BEng Computer Engineering

**2015 - 2020**

**King Edward VII School**

Matric NSC (5 Distinctions)

**2005 - 2012**

**Pridwin Preparatory**

## LANGUAGES

**English** (Fluent)



**Afrikaans** (Limited Working  
Proficiency)



## DOCUMENTS

Valid South African Driver's  
License

Valid South African Passport

Valid British Passport

# ETHAN SCHOONBEE

COMPUTER SCIENCE STUDENT |

VARSITY COLLEGE | YEAR 3

## PROFILE

I am a final-year university student studying for a **bachelor's in Computer Science and Application Development** at **Varsity College** in Cape Town. I have always had a strong passion for the Information Technology and Cybersecurity spheres, which has shaped my life goals and efforts towards any and every involvement in them.

My deep-seated fascination with the Information Technology and Cybersecurity domain serves as a driving force behind my commitment to continuous learning and growth. Regular attendance at cutting-edge conferences on new technologies and emerging trends in the tech and security sphere keeps me at the forefront of industry developments.

I also find inspiration in the insightful content of prominent creators like NetworkChuck, Seytonic, Brian Krebs, and Bruce Schneier.

My sights are set on a career trajectory within the realm of cybersecurity. I envision a path that gradually ascends the professional ladder while actively accumulating an extensive wealth of knowledge and experience along the way. My ultimate goal is to serve as a SOC Analyst for a prominent organization or establish my very own mobile purple team company specializing in comprehensive cybersecurity consulting.

While I aspire to delve deeper into the intricate world of cybersecurity within Southern Africa, I am also drawn to the prospect of global interaction. Considering a potential relocation to Europe or Canada in the foreseeable future, I remain open to the enriching experiences and opportunities that await beyond familiar borders.

## SKILLS

**Programming:** C# | Java | JavaScript | React | Python | Delphi

**Application Development:** ASP.Net | React Native | HTML | CSS |  
WebForms | WPF | Object Orientated Programming

**Backend:** MySQL | SQLite | MongoDB | Firestore | MS Access

**Tools and Technologies:** Azure | Firebase | Unix/Linux | Git | VirtualBox |  
Wireshark | Nmap | Postman | JIRA | Visual Studio/Code | NetBeans |  
JetBrains | Inkscape | Office 365 | Slack | Microsoft Teams

**Soft Skills:** Communication | Problem Solving | Collaboration |  
Management & Leadership | Critical Thinking | Driven | Time Management |  
Enthusiasm | Teamwork | Adaptability | Reliability

## WORK EXPERIENCE

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### Helmsman Strategies

2024 – 2024

#### Mobile Development

- Acted as project lead in the development of Pluto, a cross-platform mobile adoption application connecting animal shelters to potential adopters nationwide. Developed for Helmsman Strategies in React Native with a Firebase cloud backend. The project was a success in terms of deliverables but was never released.

### Freelance Developer

2020 - Present

#### Software Development

- Developed, reviewed, and wrote code snippets in C#, Delphi, and Python for diverse client projects.
- Created web scraping scripts to gather requested data, including housing market statistics, LinkedIn profiles, and relevant information from various online sources.
- Conducted transcription services for clients, ensuring accuracy and efficiency in delivering transcribed content.

### TOPNOTCH ENTERTAINMENT

2022-2023

#### Bartender

- I acted as a bartender and manager at both a VIP rooftop event as well as a large music festival on New Year's Eve.
- I oversaw a crew of around 5-15 people and coordinated the activities throughout the events.
- 2022 New Years Eve Music Festival (+- 1500 people). - 12 hours of work.
- Metro FM Heatwave VIP Rooftop Event (+- 75 Attendees) - 12 Hours of work.

## PERSONAL PROJECTS

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### LocalLure

- LocalLure was a web application to connect businesses to students on the Stellenbosch domain to advertise promotions and deals directly. Limitations in funding as well as expected growth being stagnant halted the development of this project.
- I was the co-founder, head programmer, as well as head of design for the project

### Hosted Restful APIs

- Using a Raspberry Pi 4B and 3B+, I was able to set up a small access API to perform the basic CRUD commands on a database hosted on a micro-server. The API also performs the basics of user authentication with JSON Web Tokens.

### Computer Building

- I have built multiple custom computer systems tailored to specific needs while ensuring performance and functionality are kept a priority.
- Selected components that were compatible, assembled them, and conducted rigorous testing.
- Performed troubleshooting and fixes on various broken hardware and software components for various systems.

## ACHIEVEMENTS

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- ◆ Golden Key International Honours Society ◆ Top Academic Achiever Award ◆ Academic Colours
- ◆ Half Sport Colours ◆ Provincial Basketball

## COURSES & CERTIFICATES

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- ◆ Basics of Network Security – Xaltius