

# Elle Mouton

## ABOUT

I am Bitcoin and Lightning Network enthusiast currently working as a backend software engineer at Luno (a crypto exchange) in Cape Town, South Africa.

I have always had a deep love of maths and engineering and have always sought out challenges. This passion lead to me discovering the world of Bitcoin and the Lightning Network.

My dream is to be apart of the development of these technologies as I can think of no feat more exciting and rewarding than this.

## EXPERIENCE

### August 2020:

I was the beta tester for [\*Sparrow Bitcoin Wallet\*](#).

### January 2020 - present:

I currently work at Luno (a South African based crypto exchange and wallet) as a backend developer on the crypto ops team. In this team I work on all the processes involved in storing, sending and receiving crypto.

### December 2018:

I interned at Aerobotics for 5 weeks on the data science team. During this time I wrote some algorithms for them that made use of 2D FFTs.

### July 2017:

I completed a two week bootcamp at MWR InfoSecurity where I learned how to do basic website penetration testing.

## EDUCATION

### 2020:

I have been accepted into the Chaincode Labs residency but this has been postponed to 2021

### 2016 - 2019:

BSc(Eng) Electrical and Computer Engineering at the University of Cape Town (UCT). I graduated with first class honours as the top engineering student.

### 2011 - 2015:

Rustenburg Girls' High School.

## SKILLS

### Programming Languages:

- **Go:** Production level Go experience from Luno
- **Python:** Aerobotics internship as well as university course.
- **Java:** University and high school courses
- **C++:** University course

### Languages:

English and Afrikaans

📍 Cape Town, South Africa. Very willing to relocate!

📅 20 August 1997 (23 years old)

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🐦 [Twitter](#)

🐙 [Github](#)

## AWARDS & ACHIEVEMENTS

### 2019

- Siemens prize: Best final year thesis.
- Class Medal
- Peralex electronic prize
- ECSA medal of merit awarded to best BSc(Eng) student
- Eskom award
- Class Medal for computer science
- GPA: 87.5%

### 2018

- Bain Merit Award: Best 3rd year engineering student.
- Class Medal
- Peralex electronic prize
- Certificates of excellence for computer science
- GPA: 88%
- Achieved 100% for both Electromagnetism and Control theory

### 2017

- Bain Merit Award: Top 2nd year engineering student.
- Class Medal
- GPA: 89%

### 2016

- Certificate of excellence for computer science
- GPA: 86%
- Achieved 100% for mathematics

### 2015

- Matriculated with 8 distinctions

## PROJECTS

### Final year project:

'Implementation of an incentivised mesh network using Bitcoin and the Lightning Network'. I achieved 92% for this project. [View this project.](#)

### Snell:

I built a blog posting website that uses Lightning Service Authentication Tokens (LSATs) for authentication. [View this project.](#)

### Open Source contributions:

I have recently discovered the wonders of open source contributing. I have made some PRs to both the [LND](#) and [Aperture](#) repositories.

## INTERESTS

Rock climbing & bouldering, kitesurfing, mountain biking, skateboarding, classical guitar, adventuring and of course, Bitcoin and the Lightning Network!

## REFERENCES

Please contact me for references