

# Elle Mouton

## ABOUT

I am a Bitcoin and Lightning Network enthusiast living 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 a part of the development of these technologies as I can think of no feat more exciting and rewarding than this.

## EXPERIENCE

### June 2021 - Present:

Lightning Infrastructure Engineer at Lightning Labs

### August 2020:

I was the beta tester for *Sparrow Bitcoin Wallet*.

### January 2020 - January 2021:

I worked at Luno (a South African based crypto exchange and wallet) as a backend engineer on the crypto-ops team. In this team I work on all the processes involved in storing, sending and receiving crypto currencies. During my time at Luno I gained production level experience in Golang as well as experience working with microservices.

### 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.

## SKILLS

### Programming Languages:

- **Golang:** 1 year of production level Go experience from my time at Luno.
- **Python:** Aerobotics internship as well as a university course.
- **Java, C++:** University courses

### Languages:

English and Afrikaans



GMT+2



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[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 opened PRs to repositories such as [LND](#), [Loop](#), [Aperture](#) and [Bitcoin](#)

## 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