



# Elle Mouton

## Software Engineer

### ABOUT ME

I love fast iteration, effective team work and getting things done. Nothing gives me as much joy as working hard and fast on a project that I believe in and am excited about. I care about quality as well as about making progress. I believe that in the workplace, constructive and effective communication is key to making sure that things get done in the best and most efficient way.

I am mission focused. In 2019, in my final year of university, I set my sights on working at Lightning Labs as a Lightning protocol engineer, and I did not stop until I reached that goal. I joined Lightning Labs in 2021 and started working on the protocol at the end of 2023.

I've recently become quite passionate about people and bringing people closer together in a world where the loneliness pandemic is becoming more and more of a reality.

### PUBLIC APPEARANCES

- **The Chaincode Podcast**  
Talking about Simple Taproot Channels on the Bitcoin Lightning Network
- **Advancing Bitcoin Conference**  
Giving a talk about static invoices on the Lightning Network.
- **Connect the World Podcast**  
Talking about all things Lightning

### WORK EXPERIENCE

**Lightning Labs** 2021 - Present  
Lightning Infrastructure Engineer

- Implemented and reviewed major features on the [Lightning Network Daemon](#).
- Implemented and lead various features and projects on the [Lightning Terminal Daemon](#) as well as the [Lightning Node Connect](#) protocol.
- Extensive experience with distributed systems, Golang, open source source and code review.
- Contributions to the Lightning Network protocol [specification](#).
- Significant optimisations and speed up to the [Neutrino](#) (Bitcoin light client) sync process.

**Luno** 2020 - 2021  
Graduate Software Engineer

- Backend engineer on the crypto-operations team.
- Experience working with micro-services interfacing via gRPC.
- Production level Golang experience.


**Aerobotics** December 2018  
Intern

- Five week internship on the data science team writing various algorithms for them some of which involved 2D FFTs.


**MWR InfoSecurity** July 2017  
Intern

- Two week website penetration bootcamp.

### CONTACT

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 Cape Town, South Africa -  
Open to relocate

### LINKS

 [Technical Blog](#)

 [GitHub Profile](#)

### EDUCATION

#### Bachelor of Science in Electrical and Computer Engineering

- 2016-2019
- University of Cape Town
- Graduated with First Class Honours as the top BSc(Eng) student.
- Awarded the prize for the best final year thesis.

### SKILLS

#### Tools

Golang, Git, SQL, Python, Dart, Docker, gRPC

#### Soft

Leadership, accountability, time-management, clear-communication, fast learner.

Contact me for references