

# Sebastian L. Mellen

Thinker, Developer, Founder, CEO

📍 11786 River Rim Road, CA 92126, San Diego (US), USA

🔗 <https://slm.space>

✉️ [s@slm.space](mailto:s@slm.space)

☎️ +1 (858) 342-3398

🌐 [sebmellen](#) [in sebmellen](#) [sebmellen](#) [sebmellen](#)

## About

I've spent years working on blockchain technology, decentralization, and information networks. This has culminated in my work at Assembl, where we're building the decentralized publishing infrastructure for the open and transparent future of science, starting with our Chronos and Databeam apps, and culminating in the development of our Interplanetary Publishing Protocol.

## Experience

### Assembl Inc.

March 2019 - Present

#### Founder & CEO

🔗 <https://assembl.net>

Building a global scientific network that gives control of the research process back to scientists.

- Led a \$135,000 fundraising round at a 1.25MM valuation from CV VC and an angel group in Germany and Switzerland.
- Led development of Databeam web and desktop — a fully decentralized, GDPR, HIPAA, and BDSG compliant data transfer system, built on WebRTC and WebTorrents.
- Created a routing engine and backend API layer to interact with the Stellar blockchain and add arbitrary data on-chain via IPFS multihash links as MEMO Hashes.
- Started LIRAS, the Licensing Initiative for Research, Academia, and Science, working with more than 20 scientists across the country to build a new licensing model for science.
- Hosted the Torch of Knowledge podcast to foster new thought in science.
- Built a network of almost 1,000 people active in blockchain and open science.

### The Daring LLC

August 2019 - Present

#### Founder

🔗 <https://dar.i.ng>

I act as a part-time software and technology consultant through The Daring LLC.

### LotBlok

September 2018 - May 2019

#### Blockchain Tech Lead

- Led development of backend token infrastructure and desktop app.
- Refactored legacy web-app and created new plugins to web-app overseeing a team of two developers.
- Introduced LotBlok founders to broad network of contacts for video creation, fundraising, and sales.
- Wrote LotBlok whitepaper.

## **KULR Technology Corporation** **Safety Consultant**

September 2017 - February 2018

🔗 <https://kulrtechnology.com/>

- Acted as lead OSHA-certified safety officer.
- Assembled experimental carbon flocking chambers for technology used on NASA's Mars Curiosity Rover.
- Worked as factory assistant for cooling pad fabrication.

## Education

### **OpenClassrooms & École Polytechnique**

2018 - 2018

I began a Bachelor's diploma program recognized under the Bologna Process with OpenClassrooms, taught in part through online courses by the École Polytechnique in Paris, and continued the program for approximately 6 months before leaving to work on a software development contract project.

#### **Bachelor's in Software Application Development (Unfinished)**

### **Peace Operations Training Institute**

2017 - 2018

I completed this program as part of the UN Peacekeeping Deployment Certification, in preparation to become a UN Peacekeeper and/or join the US Coast Guard. This auxiliary training from POTI, the Peace Operations Training Institute, covers education topics ranging from diplomatic strategy to the economics of developing countries to UN health and safety programs.

#### **UN Core Pre-Deployment Training Materials**

### **Mt. Everest Academy**

2014 - 2018

I completed a high school diploma equivalency program at Mt. Everest Academy, which I finished just a few days after my 16th birthday. I maintained a high GPA (between 3.9 and 4.0) during my time at Mt. Everest Academy, and completed one of the school's few AP courses, AP German, with the highest possible score, 5.0.

#### **High School Diploma**

## Awards

21 December 2015

Honorary Naming of Minor Planet  
MIT Lincoln Laboratory / NASA JPL

Minor Planet 31689 Sebmellen was honorarily named after me by NASA for my 2nd place win at the Broadcom MASTERS National Science Fair.

### **15 November 2015**

Marconi-Samueli Prize for Innovation  
Society for Science & the Public / Broadcom MASTERS National Science Fair

This \$10,000 prize was awarded to me for "aptitude and skill in technical and mathematical concepts while demonstrating superior teamwork".

### **29 September 2015**

2015 AFCEA Science Fair Award Winner  
Armed Forces Communications and Electronics Association

### **12 June 2015**

Raytheon Junior Achievement Award  
California Science & Engineering Fair

I was awarded \$500 for "demonstrating the greatest potential, with the ability of achieving technological breakthroughs, in the area of computer science" at the California Science & Engineering Fair.

### **8 April 2015**

R.E.D Memorial Award  
Greater San Diego Science and Engineering Fair

A top prize in the junior division of the GDSEF, Honoring Creativity, Originality and Solid Science

## **Skills**

Node.js	JavaScript
Git	Software Architecture Design
Team Leadership	Protocol Development
JSON	HTML5
OSHA 30-hr Certified	

## Languages

English

German

*Native Speaker* *Native Speaker*

## Interests

### Blockchain & Decentralization

Cryptocurrencies & Tokenomics

IPFS & DAT Protocol / Content-Based Addressing

Smart Contracts

### Open Science

Decentralized Publishing Networks

New Licensing Models

Knowledge Economies

### Psychedelic Research

Depression Reversal

Novel Mental Illness Treatments

Autonomous Elements of the Psyche

### Quantum Physics

String Theory

Multiverse Theory

Quantum Computing & Encryption

### Stoicism

Epictetus

Marcus Aurelius

Seneca