

Ella Rose

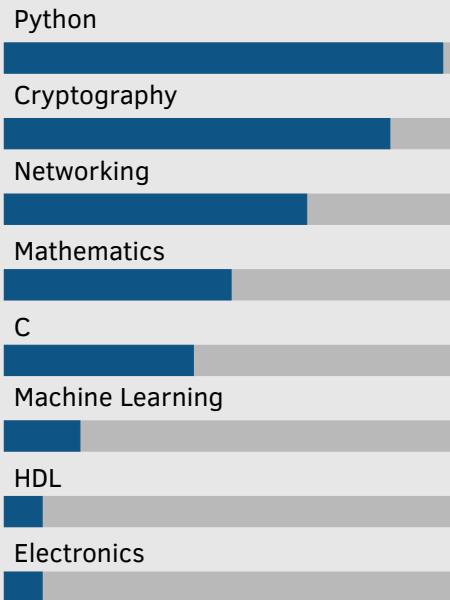
Software Engineer
Consultant
Independent Researcher

-  28 April 1990
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About me

Auto-didact and expeditious learner, I love researching and working with technology.

Skills



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

I love algorithm design and information theory. I have interests in cryptography, mathematics, networking, computer science, digital signal processing, and hardware development.

Education

2016-Today	Independent Researcher Focus on Cryptographic algorithm design and analysis	Paso Robles, CA
2003-2007	High school Specializing in computers and electronics.	Paso Robles, CA

Experience

2013-Today	Software Developer Developer of an application framework for python	Paso Robles, CA
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Other information

Pride

I am the author an application framework for python that facilitates the development of fully featured applications for a minimum amount of code. One of my goals is to develop my own desktop environment and an app store built around it.

EPQ Cryptosystem

I have developed a novel trapdoor and a post-quantum public key cryptosystem built around it.

Mathematics

I have familiarity and experience with the following topics: Number Theory, Abstract Algebra, Linear Algebra, Statistics, Combinatorics.