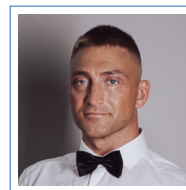


Erich Erstu

Curriculum Vitae

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*"All progress comes through a path of resistance."
— Satoshi Nakamoto*

Education

- 2012–2014 **Master of Software Engineering**, *The University of Tartu*
Thesis: [Fluid Morphing for 2D Animations](#)
- 2008–2012 **Bachelor of Informatics**, *The University of Tartu*
Thesis: [Random World Generator](#)
- Notable Courses Data Mining, Computer Security, Principles of Secure Software Design, Secure Programming Techniques, [Web Application Security Advanced](#), Computer Game Development and Design

Experience

- 2017–2022 **Developer**, *Heathmont OÜ*, Tallinn, Estonia
Devised BitCoin double spend mitigation software. Implemented a multi user slot machine.
- 2016–2017 **Game Developer**, *Pixster OÜ*, Tallinn, Estonia
Developed video slots in Cocos2D.
- 2015–2016 **Cyber Lab Technician**, [NATO CCDCOE](#), Tallinn, Estonia
Devised deliberately vulnerable software for various cyber defence exercises.
- 2013 **Software Developer**, *Axinom Eesti OÜ*, Tartu, Estonia
Worked as a C++ programmer developing a video streaming library for the Android platform.
- 2011–2013 **Programmer**, *Raintree Estonia OÜ*, Tartu, Estonia
Worked in the Billing and Interfaces team mostly developing custom functionality for the clients and integrating their systems when needed.
- Personal Designed and developed many *indie* games (see [homepage](#)). Modded and maintained a MUD¹ server for 5 years. For more hobby projects, see [GitHub](#).

Proficient Skills

C, C++, Bash, Lua, PHP, HTML, CSS, JavaScript, [PixiJS](#), [Allegro](#), [BitCoin](#), \LaTeX

Languages

Estonian Excellent
English Very Good
Russian Basic

¹MUD stands for Multi User Dungeon which is the text based forefather of today's MMORPGs.