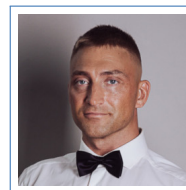


# Erich Erstu

## Curriculum Vitae

ESTONIA  
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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 MUD<sup>1</sup> server for 5 years. For more hobby projects, see [GitHub](#).

### Proficient Skills

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

### Languages

Estonian Excellent  
English Very Good  
Russian Basic

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