

Becoming a wizard

Stenver Jerkku



a **CGI** company



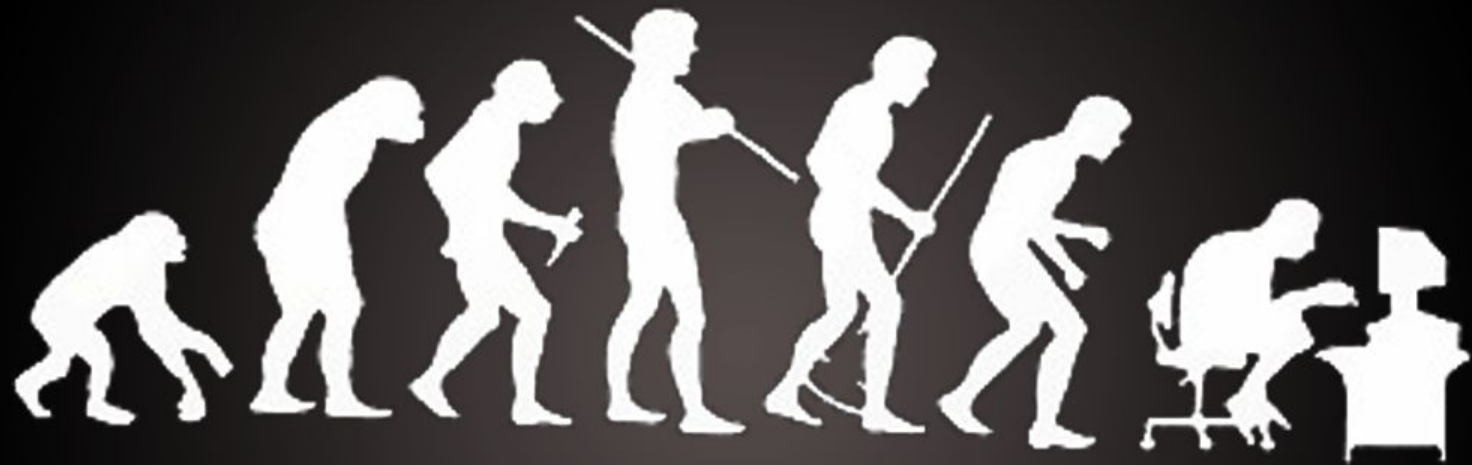
NORTAL
Info Display Services



SaleMove

Who wants to be a dev?

- Tester
- Analyst
- Programmer
- Project manager



The Evolution of a Programmer

School is not enough!

Programmeerimine

Diskreetse matemaatika elemendid

Objektorienteeritud programmeerimine

Algoritmid ja andmestruktuurid

Tarkvaraprojekt

Tarkvaratehnika

Veebirakenduste loomine

Tarkvaraettevõtluse projekt

Programmeerimine keeles C++

Read the books!

Clean Code: A Handbook of Agile Software
Craftsmanship

Pragmatic programmer: From Journeyman to
Master

Javascript: The Good Parts

Design Patterns: Elements of reusable Object-
oriented software

The lean startup

Java concurrency in practice

Ruby on Rails tutorial: Learn web development
with rails

Read the blogs!

Hacker news:

<https://news.ycombinator.com/news>

Reddit

<https://www.reddit.com/r/programming>

<https://www.reddit.com/r/linux>

<https://www.reddit.com/r/java>

<https://www.reddit.com/r/cpp>

Slashdot:

<http://slashdot.org/>

Starting a startup:

<http://startupclass.samaltman.com/>

High scalability

<http://highscalability.com/>

Start programming!

You can never do it enough

10 000+ hours

Personal projects

Learn to write clean code!

<https://sites.google.com/site/unclebobconsultingllc/>

Uncle bob

Take a beer and enjoy!

TESTING MOTHER FUCKERS

DO YOU DO IT?

Troll.me

Learn to write automated tests!

Beware of bugs in the above code; I have only proved it correct, not tried it.

Donald Knuth

Manual testing

Test driven development

Version control

Git

Mercurial

SVN - ughh

CVS - ugghhhh

Other stuff like MS version control

Some career paths

Developer

Tester

Analyst

Project manager

Startup CEO

Open source

Love it

Use it

Make it

Open source

<https://github.com/>

Look at the source

Build skills

Build portfolio

Do some good in the world

Functional programming

The next level

Once you can do it, you never want to go back

The mathematical approach