

DOM-E5122

Contemporary web development

Lecture 1

WELCOME TO THE INTERNET

I WILL BE YOUR GUIDE

<http://www.etsy.com/shop/Sharpwriter>

NEUSER 2012
made on imgur

Pekka Lammi (me)

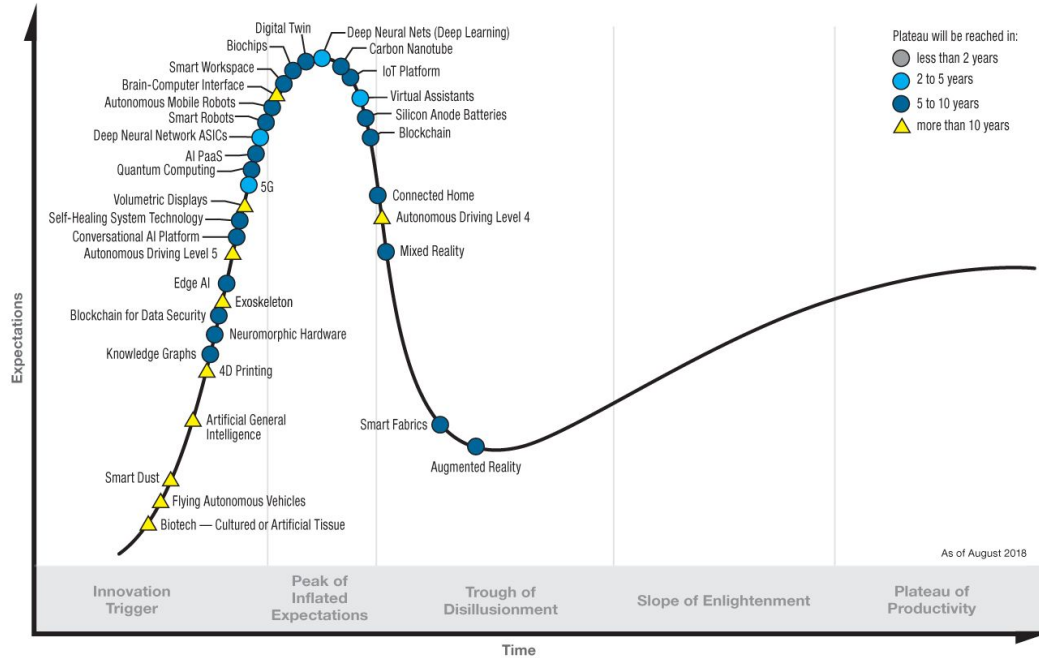
- Made my first website when I was 12
- B.Tech. in Information Networks
- Doing this stuff for work the last five years
- Media MA student in Aalto since 2018
- Teaching this course for the second time

YOUR TURN!

Name, background, motivation & expectations

Gartner hype cycle

Hype Cycle for Emerging Technologies, 2018



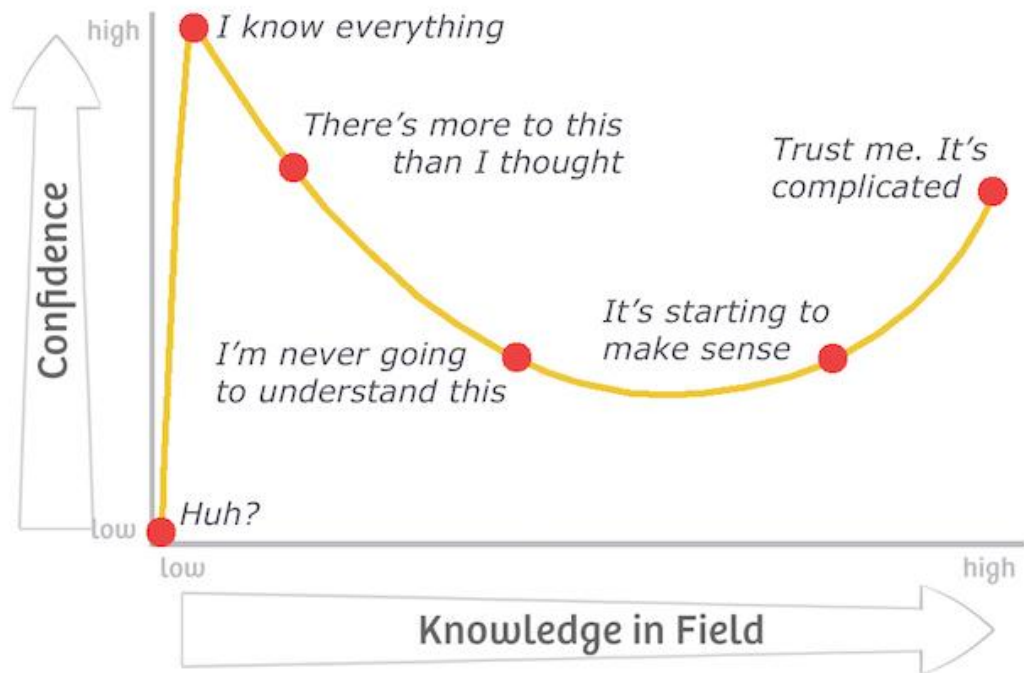
gartner.com/SmarterWithGartner

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Dunning-Kruger effect







We have three weeks

Don't try to master every aspect of every available command and utility; learn the minimum you need to get your job done and pick up more as you become familiar with the tools.

Lectures

+ Add a view

Propertie

 Lecture #	 Name	 Topics	 Homework
W1L1	Getting started	Internet history, goals, motivation, tools, introduction to react	
W1L2	JS basics	variables, arrays, functions, loops. implementing this to react	
W1L3	React component state	toggleable todo-list	
W1L4			
W2L1	HTML + CSS rehearsals	CSS frameworks	
W2L2	GIT, NPM, js ecosystem	npm install	
W2L3	APIs		
W2L4	How to host all this?		
W3L1	Working with your portfolio, internet art, etc		
W3L2	Working with your portfolio, internet art, etc		
W3L3	Finishing work		
W3L4	Exhibition, reviews, next steps		


Web Development in 2021

- Internet has shifted to interactivity
 - from 90s to 00s you needed to be in the internet to present one-directional information
 - In 10s social media took over
 - blogs
 - facebook, instagram
 - you didn't have to own the platform anymore, where you shared your things
 - In 20s everyone has an app
 - Ecosystems
 - Closed gardens
 - APIs
 - Open data

What is your goal as a "doer"

- just a hobby
- content creation
- internet art
- building your own app
- freelancer / consultant / your own business
- professional developer
- something else

Tools we're going to use

- Computer and internet connection ()
- VSCode
- Web Browser
- Terminal
- Some "software" to design your layouts (pen & paper is really good for this)

Techniques (the prerequisites)

- HTML5 page structure
- Basic CSS styling, positioning, alignment, transitions and animations
- Responsive design (media queries)

HTML + CSS + Javascript

Style

HTML + CSS + Javascript

Structure

Dynamic stuff

Codepen.io