

CURRICULUM VITAE TOBIAS WESTERGAARD KJELDSSEN

PERSONAL INFORMATION

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I was born and raised in Denmark and currently I live in Espergærde; a city located in the northern part of Zealand, Denmark.

I have always been very interested in computers, throughout my whole childhood to the present, and for me the computer is what the canvas is for a painter. I tend to have many active personal projects all the time.

My interests includes a wide range of things; such as nature and wildlife, [photography](#), telescopic stargazing, doing programming and everything related to Unix-like systems. Much of my time is invested in any of these areas; admittedly mostly in programming.

LANGUAGE

My mother tongue is Danish. I consider myself to be pretty fluent both in written and spoken English.

PERSONAL PROJECTS AND ACTIVITIES

Personal projects shows, in my opinion, how a person thrives in their working field. More information can be found on my webpage.

[Remote Touch DS](#) A client-server based solution that makes it possible to control the mouse, keyboard and music/video playback through a Nintendo DS handheld console. Written in C using the homebrewed SDK called devkitpro. Originally this was part of a project I did during the completion of my degree. Featured on [lifehacker.com](#).

[Ophelia, the cat!](#) A media player with MP3 and FLAC support, and last.fm integration. GPL licensed.

Kotori your flying friend! A living creature on your wallpaper! A Live Wallpaper for Android. The main idea was to create an experience similar to the Japanese tamagotchi virtual pet simulation. 50.000+ installs on Google Play.

TV Lige Nu! Provides an TV-schedule of selected danish channels. 50.000+ installs on Google Play.

My Leaf is a simple and fast open source alternative to the official NissanConnect apps from Nissan. 35.000+ installs on Google Play / App Store. MIT licensed.

EDUCATION

Pb., Bachelor of Software Development, Computer Science from Copenhagen Business Academy
(2009 → 2011)

AP, Computer Science from Copenhagen Business Academy
(2007 → 2009)

HF, The Higher Preparatory Examination from Espergærde Gymnasium
(2005 → 2007)
High school. Located in Espergærde, Denmark.

JOB EXPERIENCE

System Developer on several platforms at [Paychex Europe](#)
(2012 → present)

Leading the in-house mobile app development.

Java, Android and iOS (native and Flutter) development.

Application Security specialist through Static Application Security Testing.

System Developer on experimental platforms at [Teach32 BV](#)
(2008 → 2011) (freelance)

Responsible for development on Nintendo DS and other experimental platforms.

Teach32 work with interactive solutions for classrooms. Based in the Netherlands.

SKILLS AND EXPERIENCE WITH COMPUTERS (HIGHLIGHTS)

I have touched many areas during my computer adventures—like general software development, web development, development on various mobile devices such as the Nintendo DS, Android, iOS (both native SDK's, Flutter and Cordova) and other flavors of embedded systems, reverse engineering of software; be it any tools related to instrumentation, decompiling, doing man-in-the-middle “attacks” or patching of binaries. My main traits, in programming, are situated in Dart, Java and C; although I’m language agnostic. I also have skills in the Unix-like domain; extensive experience and knowledge about the components of the system as well as maintenance/deployment aspects. The term full stack developer fits me; although I tend to like being immersed in either back or front-end; not both at the same time.

Operating systems Advanced experience with most flavors of Linux; Debian, Arch, Ubuntu, SUSE, and CentOS. Microsoft Windows, OS X, iOS and Android. Linux is my daily driver.

Servers, databases and tools nginx, Apache HTTP, Apache Tomcat, MySQL, PostgreSQL, Git, Subversion, Mercurial, Gradle, Maven, Make, Ant, Node.js, Docker, Jenkins, GitLab, Frida.

Programming, scripting, query, markup languages C, Objective-C, Java, Dart, GraphQL, C#, PHP, TypeScript and ECMAScript (Angular 1/2 etc.), Bash, L^AT_EX, HTML/CSS, XML, JSON.