Daan Henke

Programmer, reverse engineer, x86_64 assembler, linux enjoyer

Details

Birthday: 24/02/2000
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Bio

My name is Daan, I'm 22 years old and I love low level programming and reverse engineering. I've been programming since I was 9 years old, I started out developing tiny games and eventually moved on to more general use programming languages as I got better at it. I'm currently learning about hypervisors and their implementations while trying to create a stealthy extension for a popular proprietary hypervisor.

I'm also interested in frontend frameworks / static site generators. My favorite's right now are Svelte for tiny web applications and Vue / Nuxt for anything that deals with static content, like this website.

Recent Projects

Kyuvisor

An extension to HyperV, allowing you to handle vmexits & modify your system's behaviour without leaving any traces

AutomataEx

A mod for the game NieR: Automata that tries to fix the lack of enemy scaling to make Chapter Select actually useful

ModLoader

A dynamic library injector that's cross-platform and aims to be easy to use

Experience

ROC Kop van Noord Holland (2016 - 2019)
MBO4 - Application Development

Qball Internet (2018 - 2020)
Started as an intern, quickly turned into a full time job doing both back-end and front-end development.

CAD & Company (2020 - 2021)
Full stack development using Vue, Bootstrap, ASP.NET and EntityFramework

Skills

Operating Systems
ArchLinux ♡, Ubuntu, Debian, Windows

Commonly used languages
Python, C, C++, JavaScript, TypeScript

Backend languages
PHP, C# / ASP.net, NodeJS

Databases / ORMs
MariaDB/MySQL, MongoDB, SQL Server - Doctrine, Mongoose, Entity Framework

Frontend frameworks
React, Vue, Svelte, Nuxt, Sveltekit, Bootstrap 😖, Tailwind, WindiCSS

Reverse Engineering
IDA Pro, Ghidra

Nerd points
x86-16/32/64 Assembly, NES 6502 Assembly, GameBoy Z-80 Assembly

Contributions

ArchLinux Mirror
Atleast 20tb mirrored so far.

Nintendo Switch Homebrew
Minor contributions to libnx & hbmenu. Also made a title installer before others became public