ERIK UDEN

Full Stack Web Developer

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EDUCATION

2022
Ulrichsgymnasium Norden, DE
German Abitur

2020
Willow Glen High School, USA
US High School Diploma

SKILLS

Skill	
Kubernetes	▰▰▰▰▰▱▱
Docker	▰▰▰▰▰▱▱
TypeScript	▰▰▰▰▰▱▱
C#	▰▰▰▰▱▱
GNU+Linux	▰▰▰▰▰▱
Ruby on Rails	▰▰▰▰▰
SQL/Redis/DB	▰▰▰▰▰
Elixir	▰▰▰▰
MERN-Stack	▰▰▰▰

I make things for the web and am an avid supporter of the free software & R2R movement. I contribute to and self-host decentralized communication networks, often part of the Fediverse (*Mastodon*, *Pleroma*, *Diaspora*...) as well as Matrix or XMPP. I used to work as an AI developer in the Silicon Valley, now I do cybersecurity and defend software freedom.

WORK EXPERIENCE

2021 - Now

CEO at Uden AI

I founded a software, AI, and cybersecurity company that offers a locally hosted cloud and social network, pen-testing, app and PWA development, as well as cyberattack analysis for nations in war.

2019-2020

AI Developer at Wasco GmbH

I was employed part-time as an AI developer, web developer, and server maintainer for for a local industrial light business.

PROJECTS

2022
The Internet Portal

With the press of a button, you will be transported to a random website out of over 219 million in our database.

https://theinternetportal.net

2022
Fediverse Share

A simple static web button akin to the 'Share on Twitter' button but for the Fediverse. Works on 19 different social media networks including, but not limited to: Mastodon, Pleroma, GNUSocial

https://github.com/Uden-AI/fediverse-share

2021
The Uden AI Federated Network

A social media, cloud/web-hosting and direct communication network that aims to mainly increase user privacy and bring forward the decentralization of the modern Internet. Based on Pleroma + Soapbox which was chosen due to being light weight.

https://social.uden.ai/

" In my acquaintance with Erik Uden, he has shown himself to have a singularly intense drive and fearlessness backstopped by charisma and an engaging personality that bespeaks great achievements in the future. It is difficult to talk to him for even half an hour without imagining him in a very few years explaining some outlandish breakthrough on a TED stage. "

- **Mike Jennings**, *former developer at Adobe & Amazon* (tymcode@gmail.com)

WORK EXPERIENCE

2018
Intern at DFKI
German Research Center for AI

I did an internship at the German Research Center for Artificial Intelligence (DFKI) in Bremen, there I learned how to utilize and work with LiDAR systems as well as built a 3D printed solar tracker as part of my internship program.

2018
Intern at Döpke GmbH

Internship at a local manufacturing business where I learned welding of metal parts as well as tiny aspects of mechatronics.

LANGUAGES

Language		
German	████████████	100%
English	███████████	95%
Esperanto	████	30%
Mandarin	█	10%

ENDORSEMENTS

" Erik Uden is not only an outstanding student. He uses his spare time for manifold activities, e.g., assembling a simple fusion reactor (Fusor), constructing robots, or attendance at scientific courses i.e. CERN Beam Instrumentation Course 2018 in Tuusala, Finland. He has strong analytical skills and can work hard with a high degree of perseverance & determination. He is a self-reflective practitioner open for constructive criticism.
His personality is friendly and outgoing. "

- **Prof. Dr. Claus Heilmann, M.D.** Professor of Internal Medicine and Gastroenterology (cl.heilmann@tonline.de)