

EIMANTAS SURVILA

Software Developer

Erkelenz, Germany

Video resume website: eimantas-survila.com

A self-taught software developer with background in aerospace engineering and laser technology. Motivated to create impact through my work. Currently working as a research and development engineer with laser systems and looking for impactful work in software development.

E-Mail: contact@eimantas-survila.com
LinkedIn: linkedin.com/in/eimantas-survila
GitHub: github.com/Survila-Dev

Relevant Work and Developer Experience

Software Development Experience

- Interactive visual calculator full-stack web application MERN, TypeScript, Redux, Auth0, Tailwind CSS, GraphQL, cypress ([Website](#) & [Code](#))
- A toy programming language with online interpreter React.JS, TypeScript, Jest ([Website](#) & [Code](#))
- Full-stack online notebook single-page application React, TypeScript, Firebase ([Website](#) & [Code](#))
- Resume website React, Tailwind CSS ([Website](#) & [Code](#))
- Development of genetic algorithm and symbolic regression library for automatic data-based derivation of equations in Python ([Code](#), [Code](#))

Research & Development Engineer - Laser Technology

4JET microtech GmbH, Alsdorf, Germany

February 2023 - today

Project Manager

Fraunhofer IPT, Aachen, Germany

May 2021 – January 2023

Master Thesis – Development of Python Library for Data Processing and Visualization

Fraunhofer IPT, RWTH Aachen

September 2020 – May 2021

- Development of digital twin library and application of AI technology in Python using Keras, OOP and TDD
- Development of OpenGL visualization tool in Python

Skills

HTML
CSS
SASS
Tailwind CSS
JavaScript
TypeScript
React
Redux
Node.js
express
GraphQL
mongoDB
Firebase
Jest
cypress
Auth0
Python
Pandas
Keras
OpenGL

Education

RWTH Aachen, Germany

Master of Science

Aerospace Engineering

2021

RWTH Aachen, Germany

Bachelor of Science

Mechanical Engineering

2019

Language Skills

English, German, Lithuanian