ROY VOETMAN

Web Technologies · Teaching · Artificial Intelligence
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EXPERIENCE

Software Engineer — Groningen, Netherlands
RDW · Internship — Feb 2021 | Present

- Assignment: **autonomous vehicle** development by means of an electric kart via the **Nvidia drive** platform; thereby expanding RDW's data repository with regards to autonomous vehicles.
- Application stack: **C++, CMake, CUDA**

Noardcode — Leeuwarden, Netherlands

- *Back-end Developer* — Jun 2018 | Feb 2021
  - Adequately coded software changes and alterations based on specific design specifications.
  - Effectively optimized the runtime of PHP scripts by inspecting Database/ORM calls.
  - Successfully migrated proprietary software to **open source** libraries & packages.
  - Application stack: **Laravel, PHP, PHPUnit, MariaDB, JS, jQuery**
- *Laravel Developer · Internship* — Mar 2018 | Jun 2018
  - Assignment: engineered an application that extracts **ePub files** (ebooks) and automatically **classifies** the content into different categories (e.g. Headings, Paragraphs, Images).

Teaching Assistant — Groningen, Netherlands
Hanze University of Applied Sciences Groningen — Sep 2019 | Feb 2021

- Served as a TA for PGM1: Programmeren I, an undergraduate course introducing the concept of **functional programming** with Python.

Freelance Web Developer — Leeuwarden, Netherlands
Learn and Believe — Oct 2017 | Dec 2019

- Developed and expanded **SPAs** ensuring that clients' vision and requirements were met.
- Successfully designed REST APIs adhering to the Richardson Maturity Model.
- Application stack: **JS, Vue.js, JWT, REST APIs**

PHP Developer — Leeuwarden, Netherlands
OSG Piter Jelles · Internship — Sep 2016 | Jul 2017

- Assignment: engineered and presented a web-based election system for the Co-Control Board to audiences including senior executives and stakeholders.
- Application stack: **PHP, MSSQL, JS, JQuery**

EDUCATION

Hanze University of Applied Sciences Groningen — Groningen, Netherlands
BSc, Information & Communication Technology · Software Engineering — 2018 | 2022
Current GPA: 4.0 of 4.0 (US scale), Average grade: 8.7 (EU scale)
Among other courses: Computer Architecture, Operating Systems, Algorithms and Data Structures, Web and Mobile Services, and Data Visualization.

Friesland College — Leeuwarden, Netherlands
MBO 4 Application Development — 2015 | 2018

Computer Science for Artificial Intelligence
HarvardX | edX
https://credentials.edx.org/credentials/b251ddf835104f99ab00a67918f55d04/
Sep 2020

Mathematics for Machine Learning
Imperial College London | Coursera
https://coursera.org/verify/specialization/UDHQPDDYEG9B
Jul 2020

Certified Laravel Developer
Laravel
https://exam.laravelcert.com/is/roy-voetman/certified-since/2020-02-11
Feb 2020

Web Security Specialist
Certified Secure
https://www.certifiedsecure.com/profile/CS-29111671341
Apr 2018

SKILLS

Programming Languages:	PHP, JavaScript, C, Java, Python, MySQL & MSSQL
Frameworks & libraries:	Laravel, PHPUnit, Vue.js & jQuery
Industry Knowledge:	Software Documentation, Scrum, REST APIs & JWT
Interpersonal Skills:	Public Speaking, Problem Solving, Team Leadership, Time Management
Languages:	Dutch *(Native proficiency)*, English *(Professional working proficiency)*

VOLUNTEER EXPERIENCE

Study Support Instructor
Study Association RealTime
Nov 2019 | Present

Co Organizer Meetup Group
PHP.frl
Jul 2019 | Jan 2020

Course Assistant: ConnectIT
OSG Piter Jelles
Sep 2017 | Mar 2018

OPEN-SOURCE PROJECTS

Gitlab API Client for PHP
https://github.com/RoyVoetman/flysystem-gitlab-storage

Laravel Repositories Package
https://github.com/RoyVoetman/laravel-repository-pattern

AWARDS

Finalist Open-Source 911 for Digital Space Challenge 2020
Odyssey Hackathon
Second place in the Odyssey Momentum hackathon, with our team Hanze Rocks 2.0.

Finalist Web Designer Skills Heroes 2018
WorldSkills Netherlands
Skills Heroes is a competition for MBO students.