ROY VOETMAN

Web Technologies · Teaching · Artificial Intelligence
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EXPERIENCE

Software Architect   Groningen, Netherlands
RDW · Internship   Feb 2021 | Present

- Assignment: **autonomous vehicle** development via the **Nvidia Drive** platform in combination with the **CARLA** driving simulator, as a result, expanding RDW's expertise in autonomous vehicles.
- Application stack: **UML, SOLID Principles, Design Patterns, C++, CMake**

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 legacy PHP scripts by inspecting Database/ORM calls.
  - Successfully migrated proprietary software to **open source** libraries & packages.
  - Application stack: **Laravel, PHP, PHPUnit, MariaDB, JS, jQuery, Redis**

- *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).
  - Grade: 10/10

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

CERTIFICATIONS

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

Blockchain Foundation Developer IBM
https://www.credly.com/badges/54e67437-d903-419b-bf61-b9fe552ec912 June 2019

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, Agile Methodologies, Design Patterns & Princples
Interpersonal Skills:	Public Speaking, Problem Solving, Team Leadership, Time Management
Languages:	Dutch *(Native proficiency)*, English *(Professional working proficiency)*

OPEN-SOURCE PROJECTS

Gitlab API Client for PHP
https://github.com/RoyVoetman/flysystem-gitlab-storage
This package contains a PHP filesystem adapter for Gitlab, and it has **over 5.000** downloads on
Github.

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

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.