



ROY VOETMAN

Web Technologies · Teaching · Artificial Intelligence
royvoetman@outlook.com · royvoetman.nl · github.com/RoyVoetman

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 a **Laravel** 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

CERTIFICATIONS

Computer Science for Artificial Intelligence https://credentials.edx.org/credentials/b251ddf835104f99ab00a67918f55d04/	HarvardX edX Sep 2020
Mathematics for Machine Learning https://coursera.org/verify/specialization/UDHQPDDYEG9B	Imperial College London Coursera Jul 2020
Certified Laravel Developer https://exam.laravelcert.com/is/roy-voetman/certified-since/2020-02-11	Laravel Feb 2020
Web Security Specialist https://www.certifiedsecure.com/profile/CS-29111671341	Certified Secure 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 (<i>Native proficiency</i>), English (<i>Professional working proficiency</i>)

VOLUNTEER EXPERIENCE

Study Support Instructor <i>Study Association RealTime</i>	Nov 2019 - Present
Co Organizer Meetup Group <i>PHP.frl</i>	Jul 2019 - Jan 2020
Course Assistant: ConnectIT <i>OSG Piter Jelles</i>	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 Second place in the Odyssey Momentum hackathon, with our team Hanze Rocks 2.0.	Odyssey Hackathon
Finalist Web Designer Skills Heroes 2018 Skills Heroes is a competition for MBO students.	WorldSkills Netherlands