



# ROY VOETMAN

IT student at Hanze University of Applied Sciences. Majoring in Software Engineering  
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## EXPERIENCE

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### Software Engineer

*RDW · Internship*

Groningen, Netherlands

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: **Drive OS, C++**

### 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

*Hanze University of Applied Sciences Groningen*

Groningen, Netherlands

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

*Learn and Believe*

Leeuwarden, Netherlands

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

*OSG Piter Jelles · Internship*

Leeuwarden, Netherlands

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

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### Hanze University of Applied Sciences Groningen

BSc, Information & Communication Technology, Software Engineering

Groningen, Netherlands

2018 - 2022

*Current GPA: 3.9 of 4.0 (US scale), Average grade: 8.8 (European scale)*

### Friesland College

MBO 4 Application Development

Leeuwarden, Netherlands

2015 - 2018

### Open Source Society University

Computer Science

Online Curriculum

## CERTIFICATIONS

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<b>Computer Science for Artificial Intelligence</b> <a href="https://credentials.edx.org/credentials/b251ddf835104f99ab00a67918f55d04/">https://credentials.edx.org/credentials/b251ddf835104f99ab00a67918f55d04/</a>	HarvardX   edX Sep 2020
<b>Mathematics for Machine Learning</b> <a href="https://coursera.org/verify/specialization/UDHQPDDYEG9B">https://coursera.org/verify/specialization/UDHQPDDYEG9B</a>	Imperial College London   Coursera Jul 2020
<b>Certified Laravel Developer</b> <a href="https://exam.laravelcert.com/is/roy-voetman/certified-since/2020-02-11">https://exam.laravelcert.com/is/roy-voetman/certified-since/2020-02-11</a>	Laravel Feb 2020
<b>Web Security Specialist</b> <a href="https://www.certifiedsecure.com/profile/CS-29111671341">https://www.certifiedsecure.com/profile/CS-29111671341</a>	Certified Secure Apr 2018

## SKILLS

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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

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<b>Chairman Almanac Committee</b> <i>Study Association RealTime</i>	Nov 2019 - Present
<b>Co Organizer Meetup Group</b> <i>PHP.frl</i>	Jul 2019 - Jan 2020
<b>Course Assistant: ConnectIT</b> <i>OSG Piter Jelles</i>	Sep 2017 - Mar 2018

## OPEN-SOURCE PROJECTS

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<b>Gitlab API Client for PHP</b> <a href="https://github.com/RoyVoetman/flysystem-gitlab-storage">https://github.com/RoyVoetman/flysystem-gitlab-storage</a>
<b>Invoice Management Laravel Application</b> <a href="https://github.com/RoyVoetman/invoices-manager">https://github.com/RoyVoetman/invoices-manager</a>

## AWARDS

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<b>Finalist Open-Source 911 for Digital Space Challenge 2020</b> Second place in the Odyssey Momentum hackathon, with our team Hanze Rocks 2.0.	Odyssey Hackathon
<b>Finalist Web Designer Skills Heroes 2018</b> Skills Heroes is a competition for MBO students.	WorldSkills Netherlands