

# Curriculum Vitae

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Name: Victor O.S. Vos  
Adres: Herenstraat 20C  
3512 KC UTRECHT  
Phone: 06 - 414 237 57  
E-mail: [me@victorvos.com](mailto:me@victorvos.com)  
Born: 31 december 1991 te Utrecht



## Profile

Two years ago I have graduated in Computer Science from the Hogeschool van Utrecht. Since I have been working for the government instance UWV as a Data Analyst.

My primary goal is to develop myself further into the Data Sciences. Finding logical and good solutions is why I chose Computer Science.

Through my internships and work as a Data Analyst, I learned how to solve business issues with Data Science. It is my ambition to become a data science/IT professional.

## Education

**2015 – 2019 HBO-ICT - Software & Information Engineering in Utrecht.**

Patterns and Frameworks, Python, .NET, Java, Back-end Programming, Data Science, Software Architecture, Object-Oriented Analysis & Design, Databases, Advanced Software Design, Integration & Communication.

**2012 – 2014 BSc Econometrics and Operations Research in Groningen.**

**2011 – 2012 University Preparation Year and IELTS in Oxford.**

I learned a lot from and about 60 distinct cultures, authoring essays, and speaking skills.

**2005 – 2011 Atheneum N&T en N&G in Utrecht (incl. Mathematics D).**

## Work experience, internships, and projects

**UWV Data Analyst – Two-year Full-time experience**

During my time working for UWV, I have made multiple Excel dashboards using data pipelines from different data sources. The data I retrieved from these different databases I merged with each other within Power Query. For the management of services from UWV, I gave a clear insight in all the data they produce. tracking their orders and their employees. As a result, it is now extremely easy for the management to track the different states of what their orders are in.

Within these projects I have worked with many knowledgeable professionals from UWV to get to know their processes. I was able to quickly communicate with these professionals to convince them in what I need to get results. By classifying UWV's orders, using the knowledge from their processes, I was able to make data insights within these data reports.

Using the managements input I visualized these data reports to their satisfaction, and they are incredibly pleased with the result.

Tools used: Excel, SQL, POWER BI, Power Query.

#### **A.S.R. Verzekeringen N.V. - Data Science graduation internship**

For my Computer Science graduation project, I developed dashboards for the Executive Board and management of A.S.R. Verzekeringen N.V..

For this project, I introduced the Elastic Stack within the Human resource management department. Using a robotics model of McKinsey, I gave insight in what job groups of A.S.R. were most vulnerable to be automated with the technology we have today.

Strengths: rapid acquisition of new data in the business domain; substantive knowledge; self-management during the project and development of own initiative.

Result: spectacular contribution to strategic decision-making. The results will have a great impact on the organization.

Tools used: Elastic Stack, SQL, Excel.

#### **STB Automatisering (Internship 3rd year)**

I developed dashboards using Qlik Sense for this internship. With Qlik Sense I mapped out the complete fundraising for the customers of STB which are charity organizations. Having personal contact with "het Reumafonds" I tailored the dashboards using their preferences. For future projects, these dashboards and the SQL queries were also compatible for other charity customers of STB. Because STB was using the same structure for most of the charity databases.

Result: Insight into the effectiveness and increase in fund revenue.

#### **4th-year minor: Smart Devices and Apps– Researched the air quality in Vietnam (BI realized)**

#### **Mathematics application for children aged 4-12 (developed with Java in Android Studio)**

#### **Shop application developed in .NET**

#### **Web shop developed in JavaScript and Java**

## **Languages**

**Dutch**                    Excellent speaking, reading, and writing skills.

**English**                    Excellent speaking, reading, and writing skills.

## ICT Skills

Programming languages	Java, C#, Windows Forms (WCF), Python, JavaScript, PHP
Web languages	HTML, CSS, JavaScript, jQuery
Version control	GIT, Bitbucket, GitHub, Gitkraken
Business Intelligence	POWER BI, Qlik Sense, Elastic Stack
Databases	MSSQL, MySQL, OracleSQL, PostgreSQL, Firebase
API	XML, JSON, SOAP, DAO, REST
Data Science Libraries	Scikit-learn, Seaborn, Pandas, NumPy, Matplotlib, TensorFlow
Misc.	SCRUM, Agile, Jupyter Notebook, KNN, K-means

## Overig

### Bosch en Tuin

An own initiative to help residents of Bosch en Duin with IT tutoring, computer and/or network problems, and maintenance of gardens and swimming pools.

### Albert Heijn:

I oversaw the vegetable department and filled compartments.

### Leisure time:

I like to work with the computer, play games and play golf. My golf handicap is 14.3. In 2010 I became "Golfer of the Year"; the prize for the player with the biggest handicap increase within a year.

In the summer months I sail (Friesland, Mediterranean Sea) and in the winter I like to ski.