

Marc Went

Professional Experience

Freelance	DevelopWent	2020	Present
Lead Developer	BugZoo	2020	Present
Lead Agile & Web Development	Tagasauris	2017	2019
Software Engineer - Intern	Cray, Inc.		2017
Junior Java Developer	WCC	2011	2013
Teacher Assistant	VU & UVA	2016	2020
Hardware Advisor for Seniors		2010	2013

Programming Skills

Expert	<i>Python, Java, PHP, Linux, UNIX Shell HTML, JavaScript, TypeScript, (S)CSS, jQuery, Angular Apache Web Server, Nginx, (My)SQL</i>
Proficient	<i>Git, Agile, Scrum, Flask-Python, Node.Js, DevOps, System Admin, Docker GitHub, GitLab, Bitbucket, JIRA, Confluence</i>
Basic	<i>Kotlin, C(++/#), React, Vue.js, NoSQL, Trello</i>

Education

MSc Computer Science <i>High Performance Computer</i>	<i>VU, Amsterdam</i>	<i>2014</i>	<i>2020</i>
MSc Information Sciences <i>Web & Media</i>	<i>VU, Amsterdam</i>	<i>2014</i>	<i>2020</i>
BSc Computer Science	<i>VU, Amsterdam</i>	<i>2011</i>	<i>2014</i>
Programming Certificates	<i>Stanford University</i>		<i>2011</i>
VWO N&T Profile	<i>KKC, Amstelveen</i>		

Projects

Digital Archaeology (UVA)	Working on restoring a 20-year-old system: De Digitale Stad (project from 1994 in Amsterdam) and several side projects based on this data
Registreer je Drone	Free registration platform for consumer drones. This helps the user to find their drone easier when lost. In the backend storing personal information securely.
Ten-Tac-Toe	A cross platform game, where the original game Tic-Tac-Toe is brought to a new level
Experian (WCC)	De-duplicate personal data from several sources and normalized into a "Golden" Record.
Documentation portal (WCC)	Updating the Documentation Portal of ELISE, making it searchable using ELISE.
Personal Roster HS (High School Thesis)	Because there was no easy way to find the student's schedule on mobile phones (2011 – early smartphone stage) I developed a mobile site for students to look on.



"Always code as if the guy who ends up maintaining your code will be a violent psychopath who knows where you live."
Martin Golding

🏠 <https://went.io>

✉️ marc+resume@went.io

☎️ +31 6 81473950

🌐 <https://linkedin.com/in/marcwent>

Natural Languages

Dutch	Native
English	Near Native
Czech	Advanced

Publications

[VU-BugZoo: A Persuasive Platform for Teaching Software Testing](#)
doi 10.1145/3341525.3393975

[Archaeology of the Amsterdam digital city: why digital data are dynamic and should be treated accordingly](#)
doi 10.1080/24701475.2017.1309852

Hobbies

Programming
Hardware tinkering
Cooking
Traveling (when there is no pandemic)

References

On request

Professional Experience Details

Lead Developer

[BugZoo](#)

Leading a group of 4 developers to develop a platform to teach and test the user on Software Testing. This project is built using the Kanban methodology in quick incremental steps with short deadlines. Also leading the standup and planning meetings to make sure this project progresses as streamlined as possible. Whilst enabling the use of latest technologies through the Docker container upgrade process.

Set up DevOps cycle where CI/CD is utilized to quickly distribute the application to our testing and finally production environment.

Lead Agile & Web Development

[Tagasauris](#)

Transitioned the development team of 6 developers from a waterfall development cycle into a Agile SCRUM cycle, with daily standups and bi-weekly sprints.

Developed an efficient Front-End Non-Linear Video Tagging application. This allowed the team to manually adjudicate AI analysed video data on a frame-by-frame, shot-by-shot or scene-by-scene basis. Utilizing multiple front-end techniques to defer loading 6K+ frame/images until appropriate time, thus reducing the initial page load from 10-20 minutes to less than 5 seconds compared to the Proof-of-Concept

Software Engineer - Intern

[Cray, Inc.](#)

Studied the Cray Urika-GX infrastructure and developed an Angular Front-End that allowed the monitoring of services on these machines. Indicating to developers why a program potentially does not run due to stopped services. And implementing remote start/stop/restarting of these services.

Junior Java Developer

[WCC](#)

Worked on a deduplication tool that allowed the merger of multiple sources containing personal data. This would merge into a Golden Record.

Also implementing a modern documentation portal for ELISE, using Google Web Toolkit. Also using ELISE itself to search the documentation.

Teacher Assistant

[VU](#) & [UVA](#)

Assisting teachers in 3 courses at the university. One on the History of Digital Cultures where I initially did research on "De Digitale Stad" of Amsterdam, and the 3 years after supported students in further uncovering the mysteries of a 20 year old "historical" digital data.

Assisting during the course "Advanced Programming", where I also helped students understand their program better through the use of Eclipse debugger and other common Java development practices.