

Jason Liu

MASTER STUDENT IN COMPUTER SCIENCE SOFTWARE ENGINEERING

Pannenhuisstraat 331, 2500 Lier, Belgium

☎ (+32) 471-049-111 | ✉ liujason2003@gmail.com | 📅 December 29th, 2003 | 📞 JasonLiu1229 | 📠 JasonLiu-031229LJ | 📧 @liujason2003

"Take as many steps backwards to not make a wrong step forward."

Summary

I am a Master's student in Computer Science at the University of Antwerp, specializing in Software Engineering. With a strong foundation in programming, my journey began with Arduino and Raspberry Pi projects, igniting my passion for IoT and the integration of software and hardware systems. Over time, I have expanded my expertise to include DevOps, Web Development, and Machine Learning.

My early fascination with logic systems was sparked by working with Redstone in Minecraft, leading to a continuous pursuit of knowledge in the field. I am highly driven by the desire to learn and apply cutting-edge technologies, both in collaborative teams and independent projects. Skilled in problem-solving and always seeking to push the boundaries of innovation.

Education

University of Antwerp

Antwerp, Belgium

MASTER SOFTWARE ENGINEERING

2024 - present

- Specialization in Software engineering. Courses that focus more on making well defined and structured software.
- We learn new practices and methodologies to make sure the software is as good as possible.

University of Antwerp

Antwerp, Belgium

BACHELOR COMPUTER SCIENCE

2021 - 2024

- Learning the essentials of computer science. The focus is more on learning basic concepts for building well defined software.
- Some skills I learned: Web Development, DevOps, Machine Learning, Databases, Algorithms and Data Structures, Project management

kOsh Schepperstraat

Herentals, Belgium

ELECTRICITY AND ELECTRONICS

2017 - 2021

- Learning the basics of electricity and electronics. The focus is more on learning how to build and combine different components to make a working system.
- We also learn how to design and build electronic systems. This includes learning digital and analog electronics.

Work Experience

Dematic, Kion Group

Antwerp, Belgium

SOFTWARE DEVELOPER

Jul. 2024 - Aug. 2024

- Miscellaneous tasks
- I helped cleaning up the git repository. I also moved branches from one repository to another.
- Made small tools to help tracking the git repository, to prevent old branches from being forgotten, this was done making use of docker and Python.
- I also helped with some minor development tasks, like making a tool for patching configurations.

Geninc

Antwerp, Belgium

SALES AND RECRUITER

Jul. 2023 - Sep. 2023

- Door to Door sales
- I was responsible for selling Hello Fresh subscriptions.
- I also needed to recruit new sales people.

Holiday Job Experience

A.S. Adventure

Lier, Belgium

RETAIL EMPLOYEE

Jul. 2021 - Aug. 2022

- I mainly worked in the travel department, where I was responsible for selling travel gear.
- I informed people about the products and helped them with their choice.
- I was also responsible for keeping the department clean and organized. I also had to make sure the products were in stock.

Local farmer

SELLING STRAWBERRIES

- Selling strawberries
- Informing customers about the strawberries and keeping the stand clean.

Herentals, Belgium

Jul. 2018 - Aug. 2021

De Wijngaard

KITCHEN EMPLOYEE

- Taking orders of customers and serving them.
- I was also responsible for helping frying the fries and snacks.

Herentals, Belgium

Jan. 2017 - Jan. 2022

Skills

General	Version control, Automation, Databases, Problem solving, Git, Communication, Machine learning, IoT
DevOps	Docker, CI/CD
Back-end	RESTfull API, SOAP, Datastructures, FastAPI, PyTorch
Front-end	React, HTML5, Astro, ShadCN
Programming	Node.js, Python, JAVA, LaTeX, C++, Assembly, Rust, TS/JS, Arduino
Office	Office 365, Google Docs, Typst
Electronics	Fusion360, Eagle, TinkerCAD
Languages	Dutch (native), English (fluent), Chinese (basics)

Projects

Digital twin of a city

FULL-STACK DEVELOPER

- I took the role as a full-stack developer in a team of 20 divided in 5 subteams. I helped leading the teams and making sure the project was on track. I also helped leading my own team and making sure our separate goals were met.
- Backend development with Python and fastAPI. Developing the interaction between external APIs and the internal software.
- Frontend development with React. I helped developing some frontend components and making sure the frontend was user-friendly.
- I also helped with testing the software and making sure the software was bug-free.

ASL recognition software

AI ENGINEER

- I took the role as an AI engineer in a team of 3. I was responsible for the development of the AI model. I was also held responsible with the role as the project owner.
- I helped during the training steps with my colleagues and made sure the model was trained correctly.
- This project was a 6 month research project for small subset of the american sign language.

C Compiler

COMPILER DEVELOPER

- I took the role as a compiler developer in a team of 2. I was responsible for partial development of the compiler.
- We build this compiler using Python and Antlr and we build the compiler for a subset of the C language.
- The compiler converts the C code to LLVM and Mips assembly code.

Duco is on a mission to reduce the time spent on data-related work by 90%. Our enterprise data automation platform empowers teams to work more efficiently and meaningfully by giving them the ability to automate data controls with the latest technology, such as no-code, the cloud, and AI.

We help firms to start trusting their data, by giving them one intuitive platform to automate the front-to-back processing of all kinds of data (from structured Excels and RTFs to unstructured PDFs and emails). This eliminates the boring manual work across the data lifecycle and enables firms to act faster, work smarter, save money, reduce risk and comply with regulatory requirements.

We're headquartered in London and have offices in New York, Boston, Wroclaw, Singapore, and Antwerp. We're proud to call some of the largest global financial institutions our clients, including over 15 of the world's largest international banks, as well as brokers, exchanges, asset managers, hedge funds, administrators, service providers and corporates.

The Role

This role is dedicated to developing the Metamaze platform - a SaaS Intelligent Document Processing platform on which enterprises rely for their document automation needs. We offer an AI-driven platform that enables our customers to automatically process, extract, and structure information from any type of document. All of this is manageable in a user-friendly way without the need for any previous coding experience. As a Software Engineer, you will be a part of an experienced TypeScript Fullstack development team and you will contribute to developing maintainable, scalable, production-ready software components for the Metamaze Artificial Intelligence platform.

Primary Responsibilities:

Designing and building new features and maintaining existing ones using the following tech stack: React 18, Node.js, TypeScript, Apollo (GraphQL)

Ensuring the code you and your team deliver is supportable and highest quality

Performing code reviews for others, and having your code reviewed by your peers

Working closely with Machine Learning, Product, and DevOps to understand customers, and scope out work to deliver the best quality solutions

We are looking for someone with:

A Master's or Bachelor's Degree in Computer Science or any related field, is a plus, this is not a requirement

Previous professional experience in developing frontend applications

Good knowledge and practical experience in using the following tech stack: Typescript or JavaScript, React or Node.js, and ES6

Working experience with writing performant queries for MongoDB or SQL

Previous experience with Git / Git Flow

Good communication skills and fluency in English

Working experience with any of the following AWS, Azure, Kubernetes, Helm, Terraform, GraphQL/Apollo, Redis, WebSockets, and subscriptions is considered as a plus

Nice to Haves:

Fluency in Dutch / French is beneficial

Benefits:

Competitive salary package aligned with your skills and experience. Reviewed annually.

Success Share or Commission bonus payments

Group life insurance and pension plan by AXA

Hospitalisation Insurance by ALAN (Delight Programme)

Company car or tax-free mobility budget

Enhanced family leave provisions

Unlimited annual holiday, because we trust our people to manage their own time off

Company phone and subscription by Orange

Lunch allowance (meal tickets)

4 Volunteering days off

Flexible working policy including work from home opportunities

Opportunity to work abroad for up to 6 weeks per year.

Personal learning and development opportunities (annual dedicated budget)

Referral bonus if we hire someone great who you've recommended to us

Spot Rewards

Employee of the Month and Employee of the Year awards

Pressure-off Fridays (no meetings)

Want to do a little more research before you apply?

Head over to our Glassdoor page to learn about our benefits, culture and to find out what our team thinks about life at Duco. You can also find out more about us on LinkedIn

Disclaimer

Because we are committed to inclusivity, we strive to provide equitable opportunities for everyone. If you require accommodation during the recruitment process, please let us know at talent@du.co. Include your contact information, the role you're applying for, and how we can accommodate you.

During the interview process and after hire, Duco does not discriminate on the basis of race, colour, gender or gender expression, sexual orientation, marital or pregnancy status, national

origin, age, disability, religion or creed, socioeconomic background or status, size, or any other protected characteristic.