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# Koen Luyten

Osysstraat 45 - 2060 Antwerpen  
(+32) 472 38 23 24 - luyten@kuun.be  
Born in Lier op 21/10/1994  
Belgian

*“Inquisitive, decisive and a can-do attitude are my strongest qualities. Handling problems in an analytical manner and solving them elegantly is what I enjoy doing most.”*

## EDUCATION

**Ghent University**— *Msc. Information Technology Engineering*

2019 - 2021

Thesis: “Going Native: Optimizing the runtime of JVM-based Microservices”

**Karel de Grote Hogeschool** — *Bachelor Applied Computer Science*

2015 - 2019

**Heilig Hart Van Maria Berlaar** — *Mathematics and Sciences (8 hours of math)*

2008 - 2013

## EXPERIENCE

### IDLab, Gent

October 2022 - Current

- PhD Researcher Solid
  - Dynamic view generation for Linked Data using GraphQL
  - Developing a cloud native Solid Server
  - SDK for developing Solid applications
  - Supervision of C/C++ labs

### Sonetas, Antwerpen

Oktober 2020 - Oktober 2022

- Full Stack Developer Fuga
  - Integration with payment services (CCV, Payconiq, Ibanity)
  - Integration with eID services
  - Integration with external labs through REST/SOAP/FTP
  - Setup of infrastructure for cloud storage and processing of medical imagery
  - Investigating and solving complex bugs

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## Oracle Nederland, Utrecht

April 2019 - Juni 2019

- Internship
  - Defining KPI's for a Virtual Assistant and design of a dashboard
  - ETL of historical data to a document store for simplified aggregation
  - Development of a PoC backend in Node.JS

## Altrad Hertel Industrial Services, Wijnegem

December 2016 - Juni 2019

- Jobstudent IT-afdeling
  - Implementation ERP-Systeem (NAV)
  - Implementation SharePoint-sites
  - Documentation and support of end users

## Technical Skills

- **JVM:**
  - **Languages:** Java, Scala, Kotlin
  - **Frameworks:** Spring, Vert.X, Micronaut, Quarkus
- **TypeScript/JavaScript**
- **C/C++/C#**
- **Scripting:** Python, Bash, PowerShell, Perl
- **DBMS/ORM:** Oracle, SQL Server, MySQL, Clickhouse, MongoDB, Hibernate
- **Servers:** Tomcat, Jetty, Glassfish, JBoss
- **DevOps:** Gradle, Maven, Kubernetes, Docker, Github, Gitlab
- **Cloud:** Google Cloud, Azure, AWS
- **Misc.:** Kavka, RabbitMQ, GraalVM

## Languages

	Written	Spoken
Dutch	Native	Native
English	Fluent	Fluent
French	Good	Good
German	Notes	Notes