Sam Vermeulen

Margrietstraat 97, 9170 Meerdonk, Belgium

+ 32 498 25 33 28 | sam.verm@yahoo.com | SamVermeulen42 | 15 March 1993

Education

Master of Science in Computer Science Engineering

2015 - 2017: UGent (University Ghent)

Bachelor of Science in Computer Science

2011 - 2015: UGent (University Ghent)

Industrial Sciences

2005 - 2011: GTI Beveren

Experience

Graphine   *Ghent, Belgium*

Thesis   *2016 - 2017*

- This company offers a reactive rendering system (virtual rendering) for high resolution textures.
- Thesis subject is covered by an NDA.

Amplidata (Western Digital Company)   *Ghent, Belgium*

Internship   *Summer 2016*

- Created a unified log overview for easy analysis of events using the Elastic ELK stack.
- Personal project created autonomously.

Stora Enso Lumipaper   *Kallo, Belgium*

Student Job   *Summer 2009 - 2015*

- Production line worker.

NGDATA - Professional Services   *Ghent, Belgium*

Big Data Software Consultant   *Sept 2017 - present*

- Integrating the NGDATA Customer Data platform in the customer environment (custom code)
- Assisting customers with new use cases / configurations / investigating possible opportunities
- Second line support for everything in the Hadoop stack that is used by the CDP

NGDATA - SmartVideo team   *Ghent, Belgium*

SmartVideo Backend Expert   *Apr 2018 - present*

- Responsible for the backend system for the SmartVideo product:
    - Render nodes written in Python
    - Central control system to manage the renders
    - Maintaining the webpages that contain the video-player
- For the systems above this includes:
    - Implementing further improvements and features
    - Configuring new projects or adjusting older configurations
    - Expert for solving complex issues

Extracurricular Activity

Home Astrid *Ghent, Belgium*

Praesidium: ICT *2016 - 2017*

- Aiding with technical difficulties (mostly problems with VPN software or drivers).
- Created a more modern web page.
- Participating in meetings and organising activities for other residents.

Personal projects

Most interesting projects created for myself and friends. Github: SamVermeulen42

- Server and android app that control window screens with many options.
- Android application for Chiro Verrebroek to manage the payment of drinks in a trusted environment.
- Inserting a video in a Visual Poi project by taking frames and inserting them in the save file.
- Twitch chat bot that interfaces to a test program.

Skills

Programming	Python, Java, C(++), Haskell, Prolog
IT technologies	Hadoop Stack, FFMPEG
Languages	Dutch, English, French in a lesser degree
General	Networks, security, machine learning, databases, distributed systems