

Experience

Present **Senior eScience Research Engineer, Generalization Team Lead, Netherlands eScience Center, Amsterdam**

Current responsibilities and activities:

- Hiring
- I have spent majority of my time with GT-related activities. Next to doing full-time software development, I had extra responsibilities as the team lead. Some of these responsibilities are listed below.
- Prioritization of the generalization projects and defining the roadmap of the team
- Day-to-day management of the team
- Communicating with project engineers and project managers to discuss potential cross project and cross domain issues
- Communicating with LA to do expectation management, get them involved
- Communicating the generalization related topics with Teach Leads
- Measuring the stress level of the team members and taking actions to reduce it
- Helping team members on solving personal conflicts
- Planning and chairing SCRUM meetings
- Writing a job description and hiring new team members
- Helping new team members on onboarding
- Creating a healthy and safe environment which team members freely speak
- Keeping the team members motivated
- Making sure the team's expertise and the experiences are shared with the rest of the organization by authoring reports, giving presentations and publishing blog posts

Apr 2021 **eScience Research Engineer, Netherlands eScience Center, Amsterdam**

Apr 2016 Worked in the following projects:

- **DIRAC**: Development of a big data platform (Apache Spark and Apache Hadoop) and adaptation of the data calibration software for an astronomy project with **ASTRON**.
- **iDARK**: Development of an interactive **scientific visualization tool** for multi-dimensional data and Machine Learning algorithm for the analysis of experimental Dark Matter data.
- **3D Printing of human body parts**: Development of a deep learning tool (CNN) for medical image analysis.

Apr 2016 **PhD researcher, University of Groningen, Groningen, Netherlands**

Jan 2014

Jan 2014 **Research assistant, Ghent University, Ghent, Belgium**

Oct 2010

Apr 20XX **Unix system administrator, 4G Technology, Turkey**

Apr 20XX Administration of FreeBSD and GNU/Linux based server systems and networks

Apr 20XX **Physics Engineer, Türkiye Engineering, Turkey**

Apr 20XX Certification, quality control of industrial devices and medical devices in hospitals

Apr 20XX **Unix System Administrator and Developer, VIP Networking, Turkey**

Apr 20XX Administration, installation, configuration and maintenance of FreeBSD server systems (e.g. SMTP, Firewall, RAID, Proxy, LDAP)

Education

Apr 20XX **PhD. Candidate in Medical Physics, University of Groningen, the Netherlands**

Apr 20XX Time of Flight PET for Proton Therapy Dose Verification

- Apr 20XX **MSc. in Particle Physics**, *CERN, Switzerland*
- Apr 20XX Analysis of cosmic data of the ATLAS Transition Radiation Tracker (TRT) detector in SR1 Test Stand at [European Organization for Nuclear Research \(CERN\)](#)
- Apr 20XX **BSc. in Engineering Physics**, *University of Gaziantep, Turkey*
- Apr 20XX Specialization in Particle Physics
Graduation Project: Monte Carlo tool was developed and simulations were performed to discriminate high energy electrons from pions in the ATLAS TRT detector at CERN.

Research Experience

Medical Physics Group, *University of Groningen*, the Netherlands

Worked at the [Medical Physics group](#) at [KVI-Center for Advanced Radiation Technology](#)

- Monte Carlo simulations of TOF-PET scanners geometries and protocols
- Iterative medical image reconstruction
- Experiments with state-of-the-art TOF-PET scanners with Digital-Silicon PhotoMultipliers
- Software development for the Digital-Silicon PhotoMultipliers-based PET scanner
- Nuclear experiments and neutron analysis in Proton Therapy radiation environment

Medical Imaging and Signal Processing Group, *Ghent University*, Belgium

Worked for [ENVISION FP7 European project](#) which was coordinated by [CERN](#)

- Developed a Geant4 Monte Carlo simulation code in C++ for modeling proton treatments in hadron therapy
- Performed Monte Carlo simulations for hadron beam monitoring using PET and prompt-gamma imaging
- Developed an image reconstruction algorithm for hadron therapy dose monitoring by means of prompt-gamma imaging
- Performance measurements of PET scanners for dose monitoring applications
- Design and simulations of Resistive-Plate-Chamber (RPC) systems

PhD thesis

title *Time of Flight PET for Proton Therapy Dose Verification (to be defended)*

Details ○

Master thesis

title *Analysis of cosmic data of the ATLAS Transition Radiation Tracker detector in SR1 Test Stand at CERN*

- Details ○
- ATLAS TRT detector commissioning
 - Contributions to ATLAS software
 - Several short and long-term stays and MSc. Thesis in Particle Physics at [CERN](#)
 - Test beam studies, detector development and data analysis of Micromegas detector at [CEA Saclay](#)

Technical skills

Operating Systems GNU/Linux (admin), FreeBSD, Mac OS X, MS Windows

Programming Languages Python, C, C++, Fortran 77/90, Julia, Javascript, TypeScript, SQL, Shell scripting, Dart

Big data tools Apache Spark, Apache Hadoop, Apache Airflow

ML/DL

[Scikit-learn](#), [Tensorflow](#)

Data analysis Python scientific stack (SciPy, NumPy, Pandas), R, GNU Octave, Matlab, ROOT

Cloud	Docker, Singularity, Kubernetes, OpenStack, LHC Grid, OpenPBS/Condor (admin), AWS (Lambda, AIM, SNS, DynamoDB, Cognito, Amplify, EC2, S3, AppSync), GCP (Compute Engine, Kubernetes Engine, Cloud Functions, Cloud Run, Cloud SQL, Cloud Datastore)
Databases	PostgreSQL, MySQL, MongoDB, Redis
Web-dev	Vue.js, Nuxt.js, React.js, Django, Flask, Node.js, Firebase
DevOps	Vagrant, Ansible
Visualization	D3.js, Chart.js, Vega.js, Plotly, Matplotlib, Bokeh, ggplot, Sigmapjs, Grafana, Dash, Observable
Continuous integration	Travis CI, Jenkins, CircleCI, GitHub Actions
Monte Carlo	Pythia, Geant4, GATE, Fluka
API-related	GraphQL, REST, Fastapi, Prisma, Graphene
Other	Nginx, Conda, Git, CUDA, Qt Framework
Office	Vim, Emacs, L ^A T _E X, Inkscape, LibreOffice, MS Office

May 11, 2022

Faruk Diblen

Netherlands eScience Center Hiring Team

May 11, 2022

Dear Colleagues,

I am excited about the prospect of advancing my career at Netherlands eScience Center, and would like to apply for the position of **Technology Lead**. After joining the center six years ago as a RSE, I feel that I am more than capable of meeting the requirements for this position.

- **Leading a team**
- **tools helping software quality: Python template, tortellini, howfairis**
- **complementing the team: web applications, visualization, devops, cloud**

I would love the opportunity to discuss what I can bring to the role further with you. Thank you for taking the time to consider my application, and I look forward to hearing from you soon.

Best,

Faruk Diblen

Attached: curriculum vitæ

As a loyal employee of Peabody, I'm excited to formally apply for the Digital Outreach Coordinator position in the Marketing Department. As you are aware, since starting as a Sales Representative at Peabody two years ago, I've quickly mastered the requisite skills for the role, and helped our department exceed annual sales goals. While I'm happy with my current position, working as a Digital Outreach Coordinator is more in line with my long-term career goals, and I feel that I would be an immediate asset to the team.

Since starting my career at Peabody as a Sales Representative, I have demonstrated my ability to learn quickly and exceed expectations. During my tenure, I have developed excellent sales skills, honed my communication skills working closely with a diverse range of customers, and subsequently helped my department generate a 6

Additionally, this year I collaborated extensively with the Marketing Department to roll out a new line of kitchen products, giving me relevant hands-on experience with the day-to-day marketing operations.

I've read the requirements for the Digital Outreach Coordinator position thoroughly. Although I may have less experience than other candidates, I'm confident that the skills I've developed during my time at Peabody, as well as my passion for the work being done here, make me an ideal fit for the role.

I appreciate your time and consideration, and look forward to discussing this opportunity with you at your convenience. My supervisor is also happy to meet with you to elaborate on my performance in the Sales Department, and attest to my qualifications. Please let me know if there is any other information I can provide, and I'd be happy to send it your way.

I am writing this letter to submit my application for the position of marketer. You will find a referral letter from my current superior, Amelia Newman, attached with my CV. After working to support your team for some time now, I believe I'd be a natural fit.

In my last three years here as sales associate, I've constantly liaised and consulted with the marketing team to deliver the best outcomes. There has been a consistent, two-way street of communication and I believe they have come to value my input. We work together very well, and I'd be excited to take this cooperation further. As a sales associate, I've been on the front line of dealing with customers and have acquired an excellent understanding of what resonates with them.

When I saw that you were looking for a new marketer for the team, I immediately discussed the prospect with Ms Newman. She agreed that it would be a fantastic opportunity for me to bring my experience with sales and customer insights to the marketing team, with whom I've worked for a long time already.

Thank you for taking the time to consider my application, and I am available to discuss the matter further whenever is convenient.

I am excited about the prospect of advancing my career at Nithercott Consulting, and would like to apply for the position of administrative assistant. After joining your team almost two years ago as a receptionist, I feel that I am more than capable of meeting the requirements for this position.

During my time at Nithercott, I have dealt with and connected with our clients on a regular basis. Many of them have come to trust me as their person of first contact, and I've never struggled to maintain a balance of friendliness and professionalism. I've been at the forefront of client contract processing and handling errors and queries, as well as being intimately aware of our client management system. As I'm sure you know, I've handled a wide array of tasks faultlessly, and developed good organisational, communication and critical thinking skills.

I believe I could contribute towards finding greater room for efficiency and increase client satisfaction further. I would love the opportunity to discuss what I can bring to the role further with you.

Thank you for taking the time to consider my application, and I look forward to hearing from you soon.

I am writing to apply formally for the Assistant Sales Manager position in the Sales and Marketing department. I was excited to learn about this newly created role, as I am eager to apply my leadership skills and extensive experience to a management role within the company.

When I joined ABC Business three years ago as an Account Coordinator, I brought five years of experience in the sales field. Since then, I have gained experience managing sales teams and devising strategies, even leading my current team to exceed our quarterly goal by 15

In my three years in this Account Coordinator position, I have developed strong communication, problem-solving and management skills. I believe these skills, combined with my past experience and deep knowledge of the company, would allow me to contribute substantially to the Assistant Sales Manager role and the sales department's objectives.

I would appreciate the opportunity to discuss this Assistant Sales Manager position with you in person. Thank you in advance for your consideration, and I look forward to talking with you further.

I would like to implore you to consider me for the position of Operations Manager you have advertised externally. I have been with HW for 3+ years now as a warehouse manager, and in this time, achieved huge profitability gains each consecutive year.

I believe I have what it takes to perform as an Operations Manager for HW. As a Warehouse Manager at New Martinsville, I turned around the site which was losing \$140k p.a. into one that closed the last year with \$280k profit. Additionally, we closed this January with a \$35k profit, our record month since the creation of the warehouse. I did this by rearranging the warehouse setup into thematic zones that have items that are most often bought together close to each other. This allowed us to reduce the average daily distance walked by a picker from 7.6 miles to just 4.3 (making employees happier, too!), and reduce average parcel completion time from 14.2 to just 8.1 minutes. These improvements allowed us to not have to use seasonal part-time workers, and even sustain record profits with just 31 employees, instead of 37 full-time and 20 seasonal workers.

I believe that the aptitude and effort I demonstrated, especially the savings increases and costs reductions I have made in my warehouse, could be scaled to the wider company, and I believe it to be necessary, at a time when 25

When could we meet to tell you about how we could roll-out these improvements to even our most remote locations in record time?

I am writing to you to update you on my progress and contribution as a junior developer in the past 12 months I have been at Easy Software, and to implore you to consider promoting me to a developer position.

As a junior developer, my responsibilities revolve around supporting the senior members of the Dev Team—being delegated the easier, partial tasks, testing, debugging, brainstorming, as well as working on software documentation, internal and external. In the past 12 months, I have been the most effective debugger out of our 6 junior developers, fixing 1228 bugs across 21 applications. During brainstorming sessions, I often contribute to the discussion with senior devs with meaningful ideas, such as the addition of the public tracking functionality to the Seattle Transport Authority project, which reinvigorated public transport use in Seattle, and increased it by 5

I am currently making a bigger-than-junior impact in my junior developer position. I am a firm believer that in a developer position, I will be able to make an even bigger impact, and allow Easy Software to grow and produce even more interesting and innovative products.

When could we meet for me to tell you about how I fixed the CoffeeMate bug that had the whole team baffled for 2 days?

My name is Dwight Ninja, and I'm currently the warehouse supervisor. We met briefly last summer at the annual employee's meeting. Recently, I've learned that you have an open position for a junior web designer in your department, and I'm writing this letter to express my interest in that job. I have received clearance from my current team leader, and HR to continue with the application process.

I believe I am uniquely qualified for this position for two reasons. First, I have worked at Acme Chemicals for five years. I am familiar with our internal and external websites. I am also deeply committed to the Acme Chemicals mission, and dedication to community and customer service. Furthermore, I will be receiving my Associate of Science in Web Design in June of this year.

In addition to working at Acme Chemical, I have also spent significant time in the past two years working as a freelance

web designer. I have included a link to my portfolio in my resume so that you can review my work.

I'd love to meet over lunch to discuss this position. I truly believe I have the technical know-how, and experience required for this position. I look forward to hearing back from you.

I am writing to formally express my interest in the Digital Marketing Manager position in the Sales and Marketing Department. I was ecstatic to learn about the role as it allowed me to showcase my leadership skills and long-term experience in digital marketing. I am currently working in the same department as an assistant sales manager.

When I joined XYZ Creatives in 2017 as a Sales Associate, my goal was to learn and contribute to the department and organization at large. Since then, I have gained extensive experience in online sales, digital marketing, and management. I have also risen to become an assistant sales manager, working under the most supportive department head.

My digital marketing expertise led to a 32 percent client growth and improved client satisfaction ratings. In addition, I joined a digital marketing bootcamp in 2020 to learn about analytical marketing skills, digital marketing tools, improving client loyalty online and in person, and more. I can use my knowledge and experience in the sales department to ensure client satisfaction and lay a firm foundation for the long-term success of digital marketing campaigns at XYZ Creatives.

I have attached my resume, which features all my notable achievements and skills. I would appreciate the opportunity to discuss further the Digital Marketing Manager position and how to move XYZ Creatives forward. I appreciate your consideration and look forward to hearing from you,

I'm excited to submit my candidacy for the role of Content Strategist in the company's Marketing department.

I began my employment with Swarts amp; Sons in August, 2018 as an Assistant Copywriter. I have spent the last two years honing and broadening my abilities, and learning a great deal from my managers within the department. I believe that the job requirements of the Content Strategist role that you've outlined on the company website match with the skill set I have developed during my tenure with the company.

I've contributed to a wide range of valuable projects for the company. Beginning in February of 2019, I spearheaded the new blog strategy which has become the primary format for blog post drafting and publishing across the entire Marketing department. Additionally, I helped launch a department-wide training program on basic SEO practices in May, 2019. This program has boosted our company's website traffic by as much as 25

If you're interested in learning more about my experience and accomplishments within the company, I encourage you to reach out to my supervisor, Edwin James (edwin.james@swartsandsons.com). I have worked closely with Mr. James over the course of the last two years, and he would be glad to answer any questions that you might have about my suitability for the Content Strategist role.

Thank you very much for your time and for the opportunity to be considered for this position. It's been a great privilege working with Swarts amp; Sons, and I look forward to continuing to grow within the company.

As a marketing specialist, I would like to apply for the Sales Manager position in the Marketing Department. For the last two years, I've been working for the company as an employee responsible for analyzing the profitability of discounts, sales, and investments.

During the period of work in the company, I have reached a new professional level in trade marketing. In the first 3 months, sales were twice the planned figure.

One of my strengths is the ability to multitask with large databases. I believe this skill makes me an ideal candidate for the Sales Manager position.

I look forward to discussing the possibility of promotion at the interview and provide additional information. Thank you for your consideration.

It would realize a long-term dream of mine to fill the open digital marketing specialist position here at XYZ Foods. When I

first got my job in customer service here, it was because your team member Arnold Dickey advised me to take any job at the company, exceed expectations, build marketing skills, then apply for a transfer to marketing. After just two months I was promoted to senior customer service agent for quick thinking and a strong work ethic. (I saved the company \$2,000 a month with one suggestion.)

I read the job posting carefully and spoke with several of your team members. I know the position calls for product knowledge, written and verbal communication, and a strong sense of who our customers are. I believe I'm the perfect fit. I've passed quarterly product knowledge quizzes with the highest scores in my department. I've used strong communication skills to achieve 95

The most compelling part of this position to me is that it's the perfect fit. I've dreamed of working as a digital marketing specialist at XYZ for the past seven years, taking fifteen online classes from Wharton and doing 20 freelance projects on nights and weekends.

My supervisor here at XYZ customer service is happy to let me meet with you any weekday. Can we set up a time to chat about how I can exceed your expectations as I've exceeded hers?

I am a sales and business marketing major at Western Michigan University and I learned of the internship at Access Medical through Jane Baker at the WMU Business Internship Panel. Based upon the qualifications listed in Handshake, I am writing to express my interest in the position. Access Medical's commitment to meeting the needs of patients and caregivers, along with my interest in sales, marketing and helping others, make a great combination that will benefit your company.

I pride myself on being a self-motivated individual in all areas of my life, especially when learning new things. For example, in order to learn more about my major, I was selected to be a part of the Business Externship Program, a collegiate level job shadow opportunity. I spent several days at Enterprise Rent-A-Car, learning the role of their sales managers and taking part in several client meetings and calls. I also pride myself on having a strong work ethic. This quality helped me receive two promotions to lead positions in my work at a local ice cream shop. I would utilize these qualities at Access Medical in order to learn the operations of a durable medical equipment company, and dedicate myself to the sales and marketing of your products.

I am confident that my professional and educational background, complemented by my strong work ethic and self-motivation, would be great assets to Access Medical. Although the attached resume outlines my accomplishments, a personal interview would be the only way to fully illustrate why I am an excellent fit for the position. Thank you for your time and consideration.
