



# MATIAS PARK FARBROT BISGAARD

COMPUTER SINCE & IT SECURITY



## CONTACT

+45 50782423

matias98dojang@gmail.com

Stjernepladsen 27, 7. 5,  
9000 Aalborg

30/11 - 1998

## COMPETENCIES

### Cyber Security

- **SIEM / EDR:** Deployment and configuration (Wazuh)
- **Vulnerability Management & Automation:** Proactive threat identification and automated remediation
- **Incident Response & Penetration Testing:** Methodologies for identifying and reacting to breaches
- **Risk Management & Compliance:** ISO 27001 and FDA regulatory requirements
- **Threat Intelligence & OSINT:** External threat monitoring and Open Source Intelligence gathering

References available upon request



## PROFILE

As a Computer Science graduate and soon-to-be B.Sc. in IT Security (Summer 2026), I offer a strong hybrid profile bridging the gap between secure operations, compliance, and software development. My unique skillset ensures I don't just identify vulnerabilities—I write the code to remediate and automate them.

Currently working at Treat Systems within the highly regulated MedTech industry (FDA/ISO), I have demonstrated leadership from day one. I served as the technical lead for establishing our internal defenses, including the deployment of a full SIEM/EDR infrastructure (Wazuh) and the ground-up development of an AI-driven Patch Intelligence system.

I thrive at the intersection of technical depth and strategic advisory, guiding management through critical security decisions in complex environments. I am now seeking an ambitious Cyber Defence Center where I can apply my proactive, solution-oriented approach to accelerate my career.



## RELEVANT EXPERIENCE / INTERNSHIP

### Treat Systems

Jan. 2026 - Present

IT Security Intern (In-house Security Lead)

Appointed to a trusted role within a company subject to strict regulatory requirements (FDA/ISO), serving as the primary driver in building the internal security infrastructure.

- **Automation & Development:** Designed and full-stack developed "PatchMonitor" (Python, SQL Server, C#) for automated monitoring of software releases.
- **AI Integration:** Implemented LLM-based analysis of release notes to automatically categorize critical patches versus functional updates, significantly reducing manual resource overhead.
- **Infrastructure & Observability:** Responsible for the deployment and holistic integration of Wazuh (Open Source SIEM/EDR) across all endpoints. Integrated SIEM with data from PatchMonitor to create a dynamic threat landscape.
- **GRC & Strategy:** Participated in strategic management meetings with external security firms regarding "Make vs. Buy" decisions, resulting in a dedicated in-house security initiative.
- **Security Culture:** Finalized and deployed "VTrainingSite" (internal training platform) with a focus on compliance and UX. Validated via formal software validation (IQ/OQ) and "Think Aloud" usability testing.
- **Networking & Pentesting:** Established professional relationships and collaborative security workflows across all departments.

## Software Development

- **Languages:** C#, .NET, Python, Java, Angular
- **Security-Focused Development:** Secure Coding Principles and REST API security
- **Data & Infrastructure:** SQL, Database Management, and Windows Server/M365 environments

## Methodology

- **Project Management:** Scrum and Agile workflows
- **Problem-Based Learning (PBL):** Analytical and collaborative problem-solving
- **Security Frameworks:** Threat Modeling and proactive defense design

## Domain Expertise: Health IT

- **Health Tech Proficiency:** Deep understanding of medical terminology and clinical workflows
- **Medical Data Standards:** Experience handling sensitive patient data and standards such as HL7 FHIR
- **Healthcare Regulations:** Thorough understanding of medical software requirements (MDR / EU Regulation 2017/745)

## Treat Systems

Aug. 2024 - Okt. 2024

Internship - Full-stack Developer / Systems Integration

Collaborated with the development team to advance Glucosafe, a Clinical Decision Support System (CDSS) used to advise healthcare professionals on blood glucose regulation and nutrition for intensive care patients.

- **Interoperability & Data Integration:** Integrated patient data from diverse healthcare platforms using the HL7 FHIR standard to ensure seamless data exchange.
- **Architecture & Development:** Designed and implemented a modern backend architecture and user interface using C#, Angular, and SQL, prioritizing modularity and scalability.
- **User-Centric Design:** Focused on enhancing UX for high-pressure clinical environments, ensuring the interface supported fast and accurate decision-making.
- **Complex Algorithms:** Gained deep experience in integrating complex medical algorithms into production-ready software.
- **Healthcare IT Expertise:** Developed a strong foundation in the technical and regulatory nuances of life-critical healthcare systems.



## ADDITIONAL EXPERIENCE

### North Denmark Region (Central Warehouse)

Jun. 2022 - Aug. 2022

Summer position assisting with the picking and packing of diverse inventory, including office supplies, food, and sterile medical products for medical centers and hospitals in North Denmark and Greenland.

- **Operational Efficiency:** Contributed to daily operations and maintained an effective flow of goods in a fast-paced warehouse environment.
- **Precision & Care:** Developed a strong sense of meticulousness and precision, particularly when handling sensitive medical supplies.
- **Logistics Insight:** Gained practical experience in warehouse logistics and distribution processes under time pressure.

### Gymstaff

Jan. 2022 - Jun. 2022

Fitness World

A versatile service role involving facility maintenance, member assistance at the reception, and general center operations.

- **Conflict Resolution:** Gained significant experience in conflict management and "outside-the-box" problem solving when handling dissatisfied members.
- **Stakeholder Coordination:** Coordinated with external vendors, including electricians, IT technicians, food inspectors, and Anti-Doping Denmark (ADD).
- **Service Excellence:** Provided high-quality support to members and ensured the facility met operational standards.

## LANGUAGE

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- **Danish:** Native Speaker (L1)
- **English:** Full Professional Proficiency (Fluent in writing and speaking)
- **Korean:** Elementary / Basic (Equivalent to 중급 / CEFR A2)
- **Detuch:** Intermediate (Equivalent to Erweiterte Grundkenntnisse / CEFR B1)
- **Norwegian:** Advanced (High proficiency in reading and speaking)

## DRIVER LICENSE

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- **Category B:** (Passenger car)

### Warehouse Assistant

Nov. 2019 - Dec. 2019

#### Coolshop

Seasonal assistance during peak periods (Black Friday/Christmas) focusing on high-volume logistics and sorting.

- **Process Optimization:** Handled complex sorting based on shipping providers and destinations, ensuring that individual functions supported the overall operational chain.
- **Accountability:** Learned the importance of taking individual responsibility within a large-scale team operation.

### Netto 1. Assistant / Shift Lead

Dec. 2018 - Jul. 2019

#### Salling Group A/S

Served as a primary assistant and functional leader, overseeing daily tasks and customer service.

- **Leadership & Delegation:** Responsible for delegating tasks, planning workflows, and ensuring team objectives were met.
- **Crisis Management:** Became highly proficient in resolving customer dissatisfaction and managing high-stress situations.

### Kitchen Assistant / Dishwasher

Okt. 2014 - Feb. 2015

#### RØNBJERG ATTRAKTIONER & SERV. A/S

Maintained kitchen operations and assisted with food preparation during peak hours.

### Store Assistant (Stocking)

Jan. 2014 - Nov. 2016

#### Salling Group A/S

Responsible for department maintenance, inventory management, and opening/closing procedures.

- **Operational Responsibility:** Managed key-holder duties, including opening the department and coordinating with logistics drivers.

### Skalborg Undervognscenter (Dinitrol)

Okt. 2013 - Dec. 2013

#### Workshop Assistant

Assisted with the disassembly and reassembly of vehicles for specialized treatments.

- **Detail-Oriented:** Focused on systematic assembly processes where quality at one stage was critical for the next.



## EDUCATION

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### B.Sc. in IT Security

University College Northern Denmark (UCN)

Exp. Graduation -  
Sommer 2026

Focus on offensive and defensive security, network infrastructure, GRC (Governance, Risk & Compliance), and incident management.

### AP Graduate in Computer Science

University College Northern Denmark (UCN)

Sep. 2022 - Feb. 2025

Completed a 2.5-year degree in Computer Science with a focus on software development, database management, systems engineering, quality assurance, IT security, and business development. Acquired strong competencies in languages such as Java, C#, Angular, JavaScript, TypeScript, and SQL, with experience working in agile teams and Scrum environments.

- **4th Semester** - Treat Instructions: Developed a system for handling electronic Instructions for Use (eIFU) for medical software. The system met EU Regulation 2017/745 requirements for multi-language distribution and storage. Used agile methods, configuration management, and CI to ensure software quality and security.
- **5th Semester** - Glucosafe (Internship): Integrated patient data from various healthcare platforms using the HL7 FHIR standard. Collaborated on the development of the Clinical Decision Support System (CDSS), "Glucosafe," advising on glucose regulation and nutrition for ICU patients. Designed and implemented a modular backend/UI using C#, Angular, and SQL with a focus on user-centric design and complex algorithms.

### Sports Science (B.Sc. Program), 1st Semester

Aalborg University

Sep. 2021 - Jan. 2022

Completed the first semester before pivoting to Computer Science. Courses included Problem-Based Learning (PBL), Sports Sociology, Anatomy, and Physiology.

### Higher Technical Examination (HTX)

HTX Aalborg

Jul. 2015 - jun 2017

- Specialized in Industrial Design, focusing on real-world problem-solving and product development.
- **Key Project:** Developed a fully functional fusion reactor as a final exam project.
- Gained hands-on experience in metal/woodworking, including welding and lathe operations.



# WRITTEN STATEMENTS



Aalborg, 15. oktober 2024

## Matias Park Farbrot Bisgaard – Udtalelse praktikophold 2024

Matias har gennemført et 10 ugers praktikophold hos Treat Systems fra august 2024 som en del af sin datamatikeruddannelse. I løbet af praktikperioden har han været en integreret del af vores udviklingsteam og bidraget aktivt til flere projekter med fokus på integration af sundhedsdata og forbedring af brugergrænseflader.

Matias har arbejdet tæt sammen med sine medstuderende og vores ingeniører og udviklere, hvor han har demonstreret stærke samarbejdsevner og en professionel tilgang. Han har aktivt deltaget i SCRUM-processer og bidraget med værdifulde input til diskussioner om nye udviklingsopgaver og funktionalitet.

I praktikperioden har Matias primært fokuseret på at udvikle og optimere en integrationsmotor baseret på HL7 FHIR standarden til vores beslutningsstøttesystem, TREAT-Essential. Dette involverede at arbejde med C#, .NET Core, Angular og SQL. Matias har desuden bidraget til design og udvikling af en ny brugergrænseflade til Glucosafe, et system til blodsukker- og ernæringskontrol, hvor han har demonstreret en god forståelse for brugercentreret design.

Matias har imponeret os med sin hurtige indlæring, tekniske færdigheder og evne til at løse komplekse problemstillinger. Han har leveret et værdifuldt bidrag til vores projekter, og vi forventer at kunne anvende hans arbejde fremadrettet.

Det har været en stor fornøjelse at have Matias som praktikant, og vi vil gerne give ham vores bedste anbefalinger. Vi ser frem til at følge hans videre udvikling og håber på at kunne fortsætte samarbejdet i forbindelse med fremtidige projekter.

**Mads Lause Mogensen**  
Chief Executive Officer (CEO)  
M.Sc., Ph.D.

Ph: +45 9634 1378 · [mm@TreatSystems.com](mailto:mm@TreatSystems.com) · Skype: MadsLauseMogensen  
Treat Systems · Hasserisvej 125, DK-9000 Aalborg · [www.TreatSystems.com](http://www.TreatSystems.com)

Treat Systems | Hasserisvej 125 | DK-9000 Aalborg | Phone:(+45) 6913 1500 | mail: info@treatsystems.com | CVR: DK31160901 | [www.treatsystems.com](http://www.treatsystems.com)



# CERTIFICATE



Certificate no: UC-6dbu449d-d95c-4c57-8d47-9446e83d7758  
Certificate url: uds.my/UC-6dbu449d-d95c-4c57-8d47-9446e83d7758  
Reference Number: 0004

CERTIFICATE OF COMPLETION

## Full Web Ethical Hacking Course

Instructors **Liang Yang Loi**

**Matias Bisgaard**

Date **Nov. 16, 2024**  
Length **6.5 total hours**