Thea Ullegård Kjeldsmark

tkjeldsmark@gmail.com | tkjeldsm@uci.edu | linkedin.com/in/theakjeldsmark | theauk.github.io

Education

University of California, Irvine   Irvine, USA
Master of Science in Computer Science (MSCS), GPA: 4.0/4.0   *Expected Jun 2025*

IT University of Copenhagen   Copenhagen, Denmark
Bachelor of Science in Software Development, GPA: 10.79/12.0   *Aug 2020 – Jun 2023*

American University in Cairo   Cairo, Egypt
Study Abroad Semester, GPA: 3.94/4.0   *Jan 2022 – May 2022*

Research Experience

University of California, Irvine   Irvine, California
Advisor: Prof. Habiba Farrukh   *Jan 2024 – Now*
- Examining permission requests in Meta Quest VR headset.

ETH Zürich, Advanced Software Technologies Lab   Zürich, Switzerland
Student Summer Research Fellow, Advisor: Prof. Zhendong Su   *Jul 2024 – Aug 2024*
- Selected as one of 20 participants from more than 2500 applicants.
- Found bugs in JavaScript engines using grammar-based test enumeration.

Industry Experience

Microsoft   Dublin, Ireland
Software Engineer Intern   *Jun 2023 – Aug 2023*
- Improved student email verification in Office checkout using C#, TypeScript, and React.
- Won "Best Hack" in the intern hackathon together with two other interns for a Microsoft Semantic Kernel project.

Microsoft   Dublin, Ireland
Software Engineer Intern   *Jun 2022 – Aug 2022*
- Developed a Microsoft Teams app that visualizes how accessible an organization's M365 files are.
- Used TypeScript and React for the frontend and C# with the .NET framework for the backend.

J.P. Morgan   Glasgow, UK
Software Engineer Intern   *Jun 2021 – Aug 2021*
- Designed and implemented a Java framework for translating user-inputted GraphQL queries into SPARQL queries.
- Expanded the framework to include handling of nested groups, several required predicates, and complex naming.

Teaching Experience

University of California, Irvine
Teaching Assistant
CS296P Capstone Professional Writing and Communication for Computer Science Careers   *Spring 2024*

IT University of Copenhagen
Teaching Assistant
Study Lab (Algorithms & Data Structures, Web Programming, Java Project)   *Spring 2023*
Distributed Systems   *Fall 2022*
Introductory Programming   *Fall 2021*

Posters

Empowering Cybersecurity Education: Designing a CTF Platform Using Kubernetes
Women in Cybersecurity (WiCyS) Conference   *Apr 2024*

Leadership and Service

UCI Women in Cybersecurity (WiCyS) Student Chapter
Program Coordinator *Sep 2024 – Now*
- Planning cybersecurity events for UCI students with a focus on increasing diversity.

UCI Graduate International Connection Program
Peer Mentor *Apr 2024 – Now*
- Mentoring incoming international graduate students about transitioning to UCI and the US.

Awards and Honors

Scholarships

Thanks to Scandinavia Scholar	*2024-2025*
ISC2 Graduate Cybersecurity Scholarship	*2024*
Thanks to Scandinavia Scholar (selected by Fulbright Denmark)	*2023-2024*
Augustinus Fonden Scholarship (Danish Foundation)	*2023*
William Demant Fonden Scholarship (Danish Foundation)	*2023*
Nordea Fonden Scholarship (Danish Foundation)	*2023*
Louis-Hansen Fonden Scholarship (Danish Foundation)	*2023*

Certificates

Mentoring Excellence Program, University of California Irvine	*May 2024*

Other Awards

Women in Cybersecurity (WiCyS) Conference and Travel Scholarship	*Apr 2024*
HackIllinois (UIUC) Open-Source Fellow, Outstanding Contributor	*Mar 2021*

Technical Skills

Languages: Java, Go, C#, F#, C, Python, JavaScript, SQL, GraphQL, R
Web Technologies: React, TypeScript, HTML/CSS
Tools: Git, Docker, Kubernetes, Soot