



HSD

CONFINED SPACES DISPATCH SOFTWARE

Bachelorarbeit in Elektro- & Informationstechnik





André

Alter
24 Jahre

Studiendauer
5 Jahre

GitHub
KuhlTime

HSD
B.Eng. Elektro- & Informationstechnik
2017 - 2022

HSD
Studentische Hilfskraft
2020 - 2022

dfind
Werkstudent Software Engineering
2021 - 2022

EmmySoft
Software Engineer
2022 - Heute

HSD

CAMPBELL RIVER FIRE DEPARTMENT



Einsatzleiter

Kelly Bellefleur

Einwohner

40.000

Einsatzfahrzeuge

18

VDE



CONFINED SPACES



Confined Spaces

Occupational Health and Safety Regulations (11.01)

A space that...

1. is enclosed or partially enclosed
2. is not designed or intended for continuous human occupancy; and
3. has a limited or restricted means of entry or exit or an internal configuration that could complicate provision of first aid, evacuation, rescue or other emergency response.



Physisch



Biologisch



Chemisch



Elektrisch



Ergonomisch



Psychologisch

TECHNOLOGY STACK

Sprachen:



Frameworks:



SaaS:

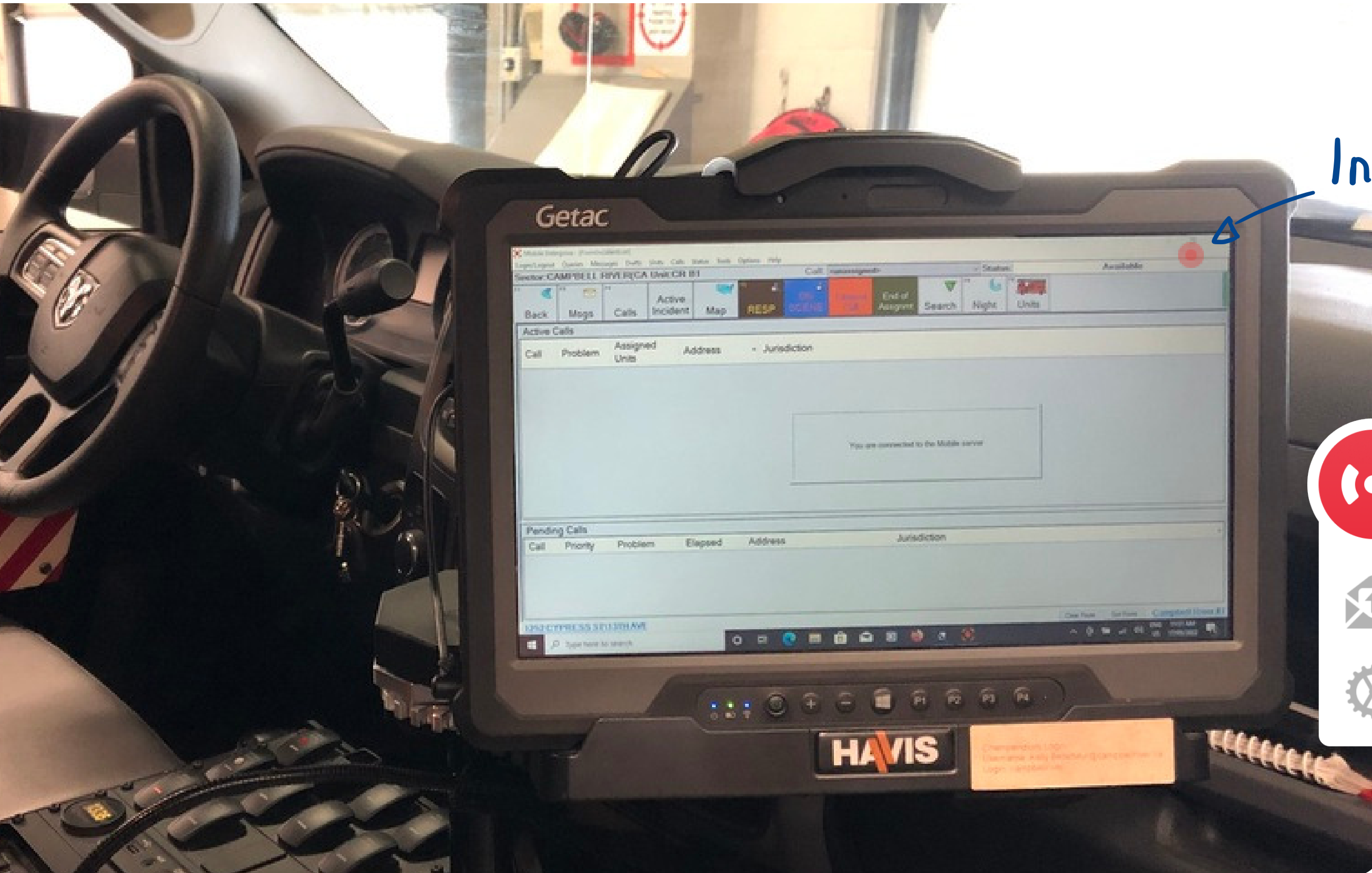


Testing / Error Handling:

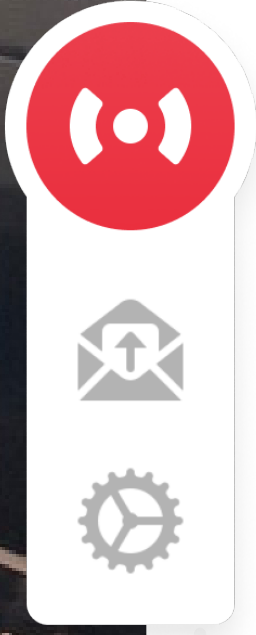


Development Operations / Platforms:





Indicator



Trigger

Offline Anzeige

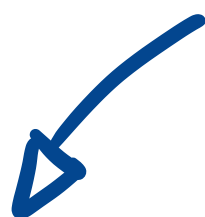
Echtzeit Übertragung
Stabilität **Audio Feedback**

Fehlerbehandlung

Logging **Datenschutz**



Workers



IoT Sensoren Anbindung

Continuous Deployment

Arbeiteranwendungen

Terminplanung

Analytik

Kartenansicht

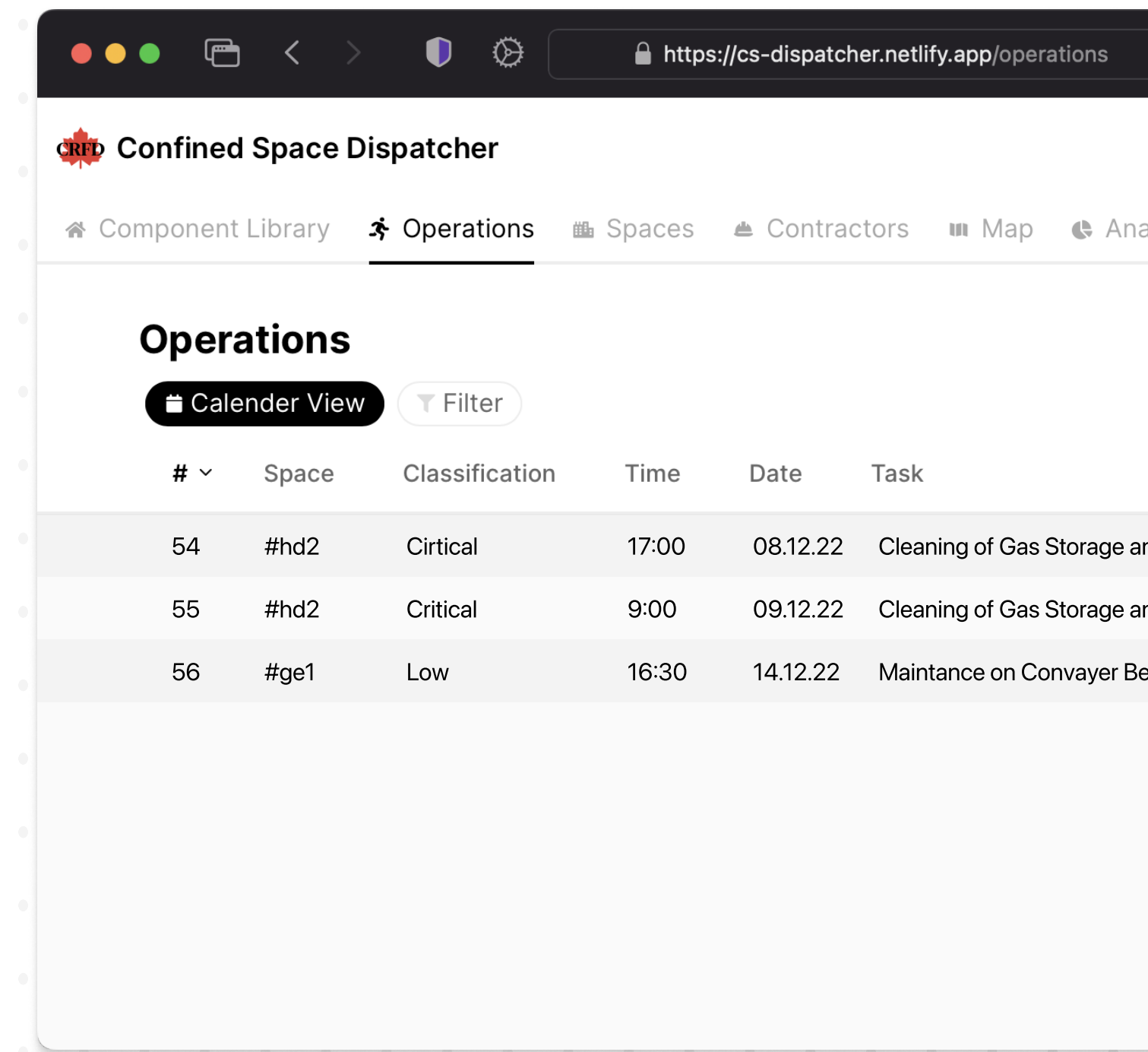
Unit-Testing

Dokumentenverwaltung

Multi-User Login System

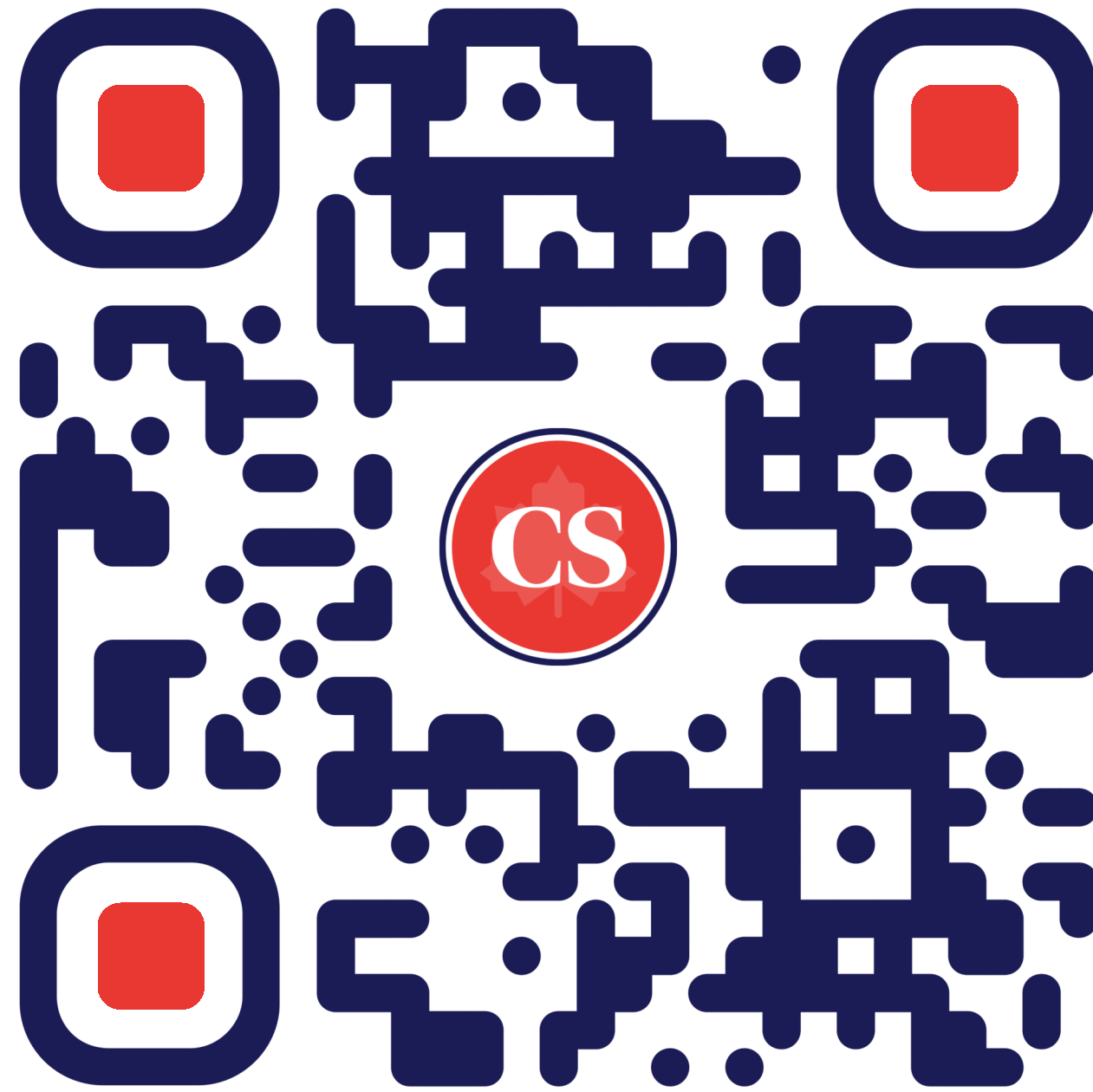
Auftraggeberverzeichnis

Eigener UI Framework



Dispatcher





<https://vde.kuhlti.me>

**Vielen Dank &
Frohe Weihnachten**



<https://github.com/KuhlTime/bachelors-thesis>



KuhlTime



<https://kuhlti.me>



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