

# Brian Ravn

Software Architect

## Experience

- 2019 – now **Software Architect**, *SDU eScience Center*, Odense.  
Design and implementation of new features, bug fixing, maintenance etc. for the UCloud platform primarily in Kotlin and TypeScript.
- 2018 **Student Assistant**, *SDU eScience Center*, Odense.  
(Sep – Dec) Various functions, programming, infrastructure testing and implementation.

## Education

- 2017 – 2019 **M.Sc. Computer Science**, *University of Southern Denmark*, Odense.  
Master's Thesis: *Modeling Timetabling Problems in Constraint Programming*
- 2018 **M.Sc. Computer Science**, *University of Helsinki*, Helsinki, Finland.  
(Jan – Jun) International Student.  
Electives: *Cloud and Edge Computing*, *Game Programming* and programming of robots in *The Software Factory*
- 2013 – 2017 **B.Sc. Computer Science**, *University of Southern Denmark*, Odense.  
Bachelor Project: *Implementation of KeyPathwayMiner in R*
- 2010 – 2013 **10th grade + Higher Preparatory exam (HF)**, *VUC Fyn*, Odense.  
Electives: *Mathematics*, *Innovation* and *Psychology*
- 2008 – 2010 **Web-Integrator**, *Syddansk Erhvervsskole*, Odense.

## Other

- 2018 **Volunteer (Warrior)**, *Copenhell Music Festival*, Copenhagen.
- 2018 – 2019 **International Tutor**, *University of Southern Denmark*, Odense.  
For the visiting international students at the Faculty of Science and the Faculty of Humanities in the fall 2018 and spring 2019.

## Skills & Interests

- General Linux, Git,  $\LaTeX$ , web development, HTML, CSS + Sass, various CSS frameworks, SQL/NoSQL database systems, OpenGL, various game engines, network protocols.
- Programming Python, C, C++, Kotlin, Java, R, MiniZinc, PHP, TypeScript, Bash + some experience with Prolog, Haskell, Go, Rust and Assembly.
- Languages Danish, English.
- Interests Game development, system programming, embedded software, optimization and operations research, open source projects.
- Other Music (bass), travel, computer games, genealogy.

Odense, Denmark

📞 +45 28 74 72 28 • ✉ brian@xirov.com • 🌐 xirov.com

Last Updated: October 27, 2021