



ROBERT LEE SELIGMANN

SOFTWARE ENGINEER

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WORK EXPERIENCE

Software Engineer Intern @ Fujitsu Software Technologies

June 2019 - August 2019 (3 mos) | Matsumoto, Japan

- ▶ Developed an interactive visualization tool using **D3.js** and **Vue.js**.
- ▶ Interfaced with the client on a weekly basis, providing updates on the project and defining the next tasks and requirements.
- ▶ Communicated information and priorities during daily morning standup meetings, and managed the project using **SCRUM**.
- ▶ Manually tested the tool using different datasets to validate the product requirements.

Software Engineer Intern @ Institute of Information Systems

June 2018 - August 2018 (3 mos) | Sierre, Switzerland

- ▶ Designed and built a prototype XR application to visualize 3D medical images for the Microsoft HoloLens and HTC Vive.
- ▶ Implemented various XR interactions using **Unity 3D** and **C#**.
- ▶ Developed a **Java Spring RESTful API** that performs image segmentations using the Icy Open Source Image Processing Software.

SIDE ACTIVITIES

Developer @ Junction 2019 · challenge 2nd place

Our service incited clients to make sustainable choices through gamification and social experiments. We developed a **React.js** dashboard and an **Android** application, both connected to a **Firebase** backend.

Developer @ Transcend

Helped with the development and testing of a **Unity AR** powered book used to learn the dialect of Savièse.

Volunteer @ Geneva Health Forum 2018

Promoted the use of XR technologies in the medical field to experts in the healthcare industry. We showcased the application we previously developed during the Arkathon 2018.

Developer @ Arkathon 2018 · Jury's pick award

Our team developed a simulation to train specialists to intervene in an extreme environment. Our rescue simulation was made for the HTC Vive using **Unity** and **C#**.

Developer @ VR / AR Hackathon 2018

Our team developed a cooperative online escape room using **Unity**. We designed and developed a few puzzles that required two users to collaborate and communicate in order to solve it.

ABOUT ME

Age: 25

Nationality: Swiss/Canadian

Soon-to-be software engineer graduate with international experience. I specialize in frontend development, but I have not been afraid to test my skills on the backend and mobile side of things.

Looking for a FE position where I can keep on honing my skills to progress toward a full-stack engineer profile.

SKILLS

JavaScript	TypeScript
React.js	Node.js
C#	MongoDB
Figma	HTML/(S)CSS

LANGUAGES

French	Native
English	CAE (C1)
German	Basic (B1)

EDUCATION

Aalto University

2018 - Present
Master's Degree | Computer Science

Haaga-Helia

2017 -2018 · Exchange study year
Bachelor's Degree | Business Administration

HES-SO Valais

2015 -2017
Bachelor's Degree | Business IT

FUTURE VENTURES

AWS, Kotlin, Swift, Ruby,
Photo/Video editing, Japanese