



# ROBERT LEE SELIGMANN

## SOFTWARE ENGINEER

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### WORK EXPERIENCE

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#### **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.

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### SIDE ACTIVITIES

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#### **Developer @ Junction 2019 · challenge 2nd place**

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

#### **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. Our rescue application made during the Arkathon was showcased to demonstrate the potential of XR.

#### **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#**.

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### FUTURE VENTURES

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

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### ABOUT ME

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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 to progress into a full-stack engineering position.

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### SKILLS

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

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### LANGUAGES

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

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### EDUCATION

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#### **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