



# Sam Whitley

✉ sam.whitley@hotmail.com |  sam-whitley |  sam-whitley.github.io

## ABOUT ME

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Hi! I'm Sam, a student pursuing a bachelor's degree in Information and Communication Technology at Häme University of Applied Sciences. I'm currently focused on expanding my skills in cyber security, 3D modeling and building indie games.

When I'm not working on a project or school-related stuff, I'm most likely playing video games with my friends, watching some show or movie on Netflix, or if the weather's good, going out for a jog.

## EDUCATION

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### Häme University of Applied Sciences, HAMK

Jan 2019 – Est. Dec 2022

*Information and Communications Technology | B4.Eng 178/240 CR*

Riihimäki, FI

- **Courses:** Orientation to ICT-studies, Basics of Mathematics, Web Technology, Programming, Introduction to Information Systems, Web Application Development, Graphics Programming & User Interfaces, Smart Systems, Digital Audio & Video Production, Information Networks, Mobile Networks & Apps Development, 3D Technology, Video Production Technology, Cyber Security Base: Securing Software & Capture The Flag.

### Hyria Education

Aug 2016 – May 2019

*Vocational Qualification in Business Information Technology | 180 CR*

Riihimäki, FI

## EXPERIENCE

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### Broman Logistics Oy.

May 2021 – Aug 2021

*Warehouse Worker | Part-time*

Hyvinkää, FI

- Responsible for inbound and outbound shipments (e.g. loading and unloading delivery vehicles.)

### Broman Logistics Oy.

May 2020 – Jul 2020

*Warehouse Worker | Part-time*

Hyvinkää, FI

- Responsible for inbound and outbound shipments (e.g. loading and unloading delivery vehicles.)

### Broman Logistics Oy.

Jun 2019 – Aug 2019

*Warehouse Worker | Part-time*

Hyvinkää, FI

- Responsible for inbound and outbound shipments (e.g. loading and unloading delivery vehicles.)

### SuperApp Oy

Oct 2018 – Jan 2019

*Mobile Developer | Internship*

Lahti, FI

- Designed and built hybrid mobile applications using the Ionic V1 framework, on top of Apache Cordova.
- Migrated and tested software development websites.
- Created and tested prototypes for customer projects.
- In addition, I also did a personal project during my internship.

### Sunlogix

Jan 2018 – Feb 2018

*Internship*

Riihimäki, FI

- I was responsible for processing and answering RMA emails and telephone calls, related to HP laptops.
- Troubleshoot returned hardware and documented all the details found during the investigative.
- Diagnosed and repaired broken electronics (e.g. turntables, laptops, desktops and smartphones).
- Picked and packaged products for RMA shipment.

**Posti Group Oyj.**  
*Postal Worker | Part-time (Seasonal helper)*

Dec 2017  
Hyvinkää, FI

- Collected and sorted through incoming letters and parcels.

**Sunlogix**  
*Internship*

Aug 2017 – Oct 2017  
Riihimäki, FI

- I was responsible for processing and answering RMA emails and telephone calls, related to HP laptops.
- Troubleshoot returned hardware and documented all the details found during the investigative.
- Diagnosed and repaired broken electronics (e.g. turntables, laptops, desktops and smartphones).
- Picked and packaged products for RMA shipment.

## PROJECTS ([sam-whitley.github.io](https://sam-whitley.github.io))

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### Isometric Room (Jan 2022)

- In this project, the goal was to create an isometric representation of a room of the apartment, along with the corridor of the apartment and a city view from the window.
- Originally, the plan was simply to model the old Nintendo Entertainment System (NES), a television, and a wall in the background.
- 3D Modeling and Rendering Software: Autodesk 3ds Max.

### Technivorm Moccamaster 3D Model (Jan 2022)

- The assignment was part of the 3D-visualization and virtual environments course.
- 3D Modeling and Rendering Software: Autodesk 3ds Max.

### Movie Rental Service (Mar 2020)

- The purpose of this project was to develop a web-based rental management system that allows users to make rentals, return rentals, and track the rental time for each rental.
- The planning and implementation took place through Trello and GitHub.
- Used technologies: Django (Web framework) and Bootstrap (Front-end framework).

### Rautakauppa Metsämäki | An Ordering system for an imaginary company (Oct 2019)

- The goal of this project was to implement an ordering system that was able to place new orders and to modify and track the progress of orders. The program was implemented for an imaginary company.
- The program was written in C#, part of the C-family of programming languages, and used SQL as a relational database query language.

### IoT Dashboard | A versatile hybrid app for Android / iOS devices (December 2018)

- IoT Dashboard is a hybrid mobile application developed with the first version of the Ionic Framework, on top of Apache Cordova, using HTML and AngularJS.
- This application lets you connect, view, and control IoT devices. This could be anything from single-board computers presenting critical server information to custom API services.

## VOLUNTEERING

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**Riihimäen lukio (Riihimäki Senior high school)**  
*Digital Tutor*

Jan 2016 – Jun 2016  
Riihimäki, FI

**Harjunteen koulu (Harjuriinne Junior high school)**  
*Prefect (Tukioppilas)*

Jan 2013 – May 2015  
Riihimäki, FI

## EXTRAS (COURSES, ACTIVITIES)

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### University of Helsinki

*Cyber Security Base: Securing Software | 3 CR (ECTS)*

Issued Oct 2021

Riihimäki, FI

### Generation Z Challenge

*First CTF, Nick: Recon, Points: 3122*

May 2020

Place: 66th

### University of Helsinki

*Cyber Security Base: Capture The Flag | 1 CR (ECTS)*

Issued Mar 2021

Riihimäki, FI

### Häme University of Applied Sciences, HAMK

*Cisco Certified Network Associate Routing and Switching (CCNA)*

Issued Dec 2020

Riihimäki, FI

## SKILLS

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**Languages** : Python, C/C++/C#, Python and JavaScript.

**Technologies** : React.js, jQuery, AngularJS, Apache Cordova, Django, Firebase, Bootstrap and Docker. Git.

**Programs** : Adobe Photoshop, Adobe After Effects, Adobe Premiere Pro and Autodesk 3ds Max.

**OS's** : Windows, Android, iOS, macOS and Linux.