Sam Whitley

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ABOUT ME

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

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

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 mobile applications. Technologies under NDA.
- Migrated and tested over 20+ 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.
- Troubleshot 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.   Dec 2017
Postal Worker | Part-time (Seasonal helper)   Hyvinkää, FI

- Collected and sorted through incoming letters and parcels.

Sunlogix   Aug 2017 – Oct 2017
Internship   Riihimäki, FI

- I was responsible for processing and answering RMA emails and telephone calls, related to HP laptops.
- Troubleshot returned hardware and documented all the details found during the investigative.
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PROJECTS (sam-whitley.github.io)

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

Riihimäen lukio (Riihimäki Senior high school)   Jan 2016 – Jun 2016
Digital Tutor   Riihimäki, FI

Harjurinteen koulu (Harjurinne Junior high school)   Jan 2013 – May 2015
Prefect (Tukioppilas)   Riihimäki, FI

EXTRAS (COURSES, ACTIVITIES)

University of Helsinki Issued Oct 2021
Cyber Security Base: Securing Software | 3 CR (ECTS) Riihimäki, FI

Generation Z Challenge May 2020
First CTF, Nick: Recon, Points: 3122 Place: 66th

University of Helsinki Issued Mar 2021
Cyber Security Base: Capture The Flag | 1 CR (ECTS) Riihimäki, FI

Häme University of Applied Sciences, HAMK Issued Dec 2020
Cisco Certified Network Associate Routing and Switching (CCNA) Riihimäki, FI

SKILLS

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.