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As I approach the culmination of my journey towards a master's degree in Human Computer Interaction (HCI) this coming September 2023, I am eagerly seeking a position that will enable me to leverage the full scope of my education and skills. My ideal position would allow me to improve and develop software products usability either as a product owner, designer, architect, or a software engineer. As a quick learner, I adapt swiftly to new challenges and technologies. My motivation, technical understanding, and communication skills ensure I contribute efficiently and create quality work. My goal is to make an impact, continuously learn, and contribute to innovative solutions that generate additional value for customers. References are available if requested.

Work Experience

4/2021 - 8/2021 & 3/2022 - 8/2022 & 1/2023 - Current
Software Designer | Arkance Systems Finland

Currently working on designing and implementing software features to existing products utilizing a variety of different technologies (listed below). These software's are essential tools in Finnish infrastructure projects. I am currently finalizing my thesis where I assess and improve the company's licencing management portal. While I have been allowed to utilize a variety of skills and have gained additional responsibilities, I believe in order to grow as much as possible I should challenge myself in a new environment.

4/2018–07/2018 & 4/2019–08/2019

Salesperson | Byggmax Kokkola | Bauhaus Espoo

Summer jobs where I worked for construction retail stores and did a variety of different tasks, such as customer service and operating industrial vehicles. Customer service included communicating with distributors to arrange specialty orders, helping customers design their construction projects (such as decks) and counting their material needs. I quickly formed regular customers because of my knowledge and easy-going attitude.

Skills

Programming languages | technologies, which I worked with in Arkance

.NET (C#) for developing GeoCalc, Value Pack and Soundings Editor which are main IP: s of the Finnish branch. Developing these products is my primary task, where most my time is spent implementing new features into production, prioritizing backlogs, carrying out customer projects, offering technical support when required and improving existing codebase. These products are standalone desktop software that most contain either a graphical interface (VectorDraw), Oracle SQL database or integrations to other softwares.
Python | Iron Python for developing macros to improve customer workflows.
Others: TypeScript, JavaScript, SQL (Oracle, Postgres, SQLite), XML/JSON, Gitlab, CI/CD, WiX Toolset, Licensing, Installers (Wix installer, InstallShield), Figma, Technical and customer documentation, Tutorials, Usability study/testing, UX/UI design, Kanban, B2B.

Examples of HCI related studies

User Research, Computational UI Design, UI/UX Design, Digital Health, Information Visualization, Emergent User Interfaces, Agile Frameworks, Software Projects.

Example of a HCI project: Python website palette optimizer ([GitHub](#))

Examples of technologies and concepts I have used in my studies

C++, C, Fullstack (JavaScript, TypeScript), MongoDB, Operating Systems (Linux, Windows), Machine Learning Basics, Artificial Intelligence Basics, Data Science/Analysis, Information Security & Security Engineering, Cloud Software (Google Cloud, gRPC, Containers, Docker...), DevOps, SAAS.

Education

2021–2023 Aalto University, Finland
Master's Programme in Computer, Communication, and Information Sciences

Major: **Human Computer Interaction**

Minor: **Computer Science**

GPA & Credits: **3.89 & 91/120**

(Thesis written, just needs final touches)

Master's Thesis: **Improving usability of a licencing management portal.**

2018–2021 Aalto University, Finland
Bachelor's Programme in Electrical Engineering

Major: **Information Technology**

Minor: **Computer Science**

GPA: **3.1**

Bachelor's Thesis: **Touchscreen keyboard user experience improvement and possibilities**

Recognitions

Employee of the month (August 2019)

Given to a singular employee per month based on anonymous customer feedback. One of the feedbacks: "Very knowledgeable and excellent service".

Work of the week x 5 (2021,2022,2023)

Given to employees whose continuous efforts or a singular achievement stood out. Suggestions by co-workers or managers. One of the reasons for this was "Helps massively to understand development team, and always have enthusiasm and patience to explain things thoroughly and clearly".

Ulla Tuominen foundation stipend (2018)

In the Electrical Engineering Workshop course for our checkers robot (TamBot) by a team of four. The same project was also featured in Aalto's 10th anniversary party.