

Kyösti Alkio



Contact details

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Interests

Neuroscience, painting, game development, climate change

Programming Languages

JavaScript, Scala, Python, C, PHP, SQL, Java, C++, C

Technologies

TypeScript, ReactJS, Node.js, Express.js, Laravel, Django

AWS (Lambda, EC2, S3, MSK, Athena, QuickSight, VPC, SQS, Lex)

Git, Docker, Vagrant, Git, Jenkins

Scrum, Extreme Programming

Introduction

I'm a 25 year old computer science student finishing my studies at Aalto University. I'm looking for an internship for summer 2022 and a master's thesis position for fall 2022.

I am a team player, and prefer working as a member of a team. I excel at picking up new things quickly in a new environment.

In the future, I want to work on a meaningful project where the only purpose is not just to produce money for a customer. I want to take part in creating something groundbreaking. In particular, I would like to learn more about neuroscience and how it can be combined with computer science in new kind of applications and devices.

Experience

2021	Visma Consulting <i>Software developer</i> <ul style="list-style-type: none">As team of one, I designed and developed a Google Data Studio connector that fetched data from an API, transformed it, and provided it to Google Data StudioApps Script, Google Data Studio	2 month
2021	AYY – Aalto University Student Union <i>IT Support</i> <ul style="list-style-type: none">As a member of a 3-4 person team, I provided IT support to AYY's employees and associations. In addition, I maintained various services AYY provides, such as a member registry and a facility reservation application.Azure Active Directory, Linux, Python, Django	6 month
2020	Visma Consulting <i>Software developer</i> <ul style="list-style-type: none">I single-handedly designed and developed two projects from scratch: An AWS data pipeline utilizing Apache Kafka and a speech analyzer that transcribed speech into text and analyzed it with AWS Cognito. In addition, I prototyped a chatbot with Azure Cognitive Services.JavaScript, Azure, AWS (Lambda, MSK, EC2, Athena, QuickSight, SQS, Transcribe, Comprehend, S3, RDS), Docker	4 month
2019	PHZ Game Studios <i>Software Developer</i> <ul style="list-style-type: none">I was a part of a 4 member team developing mobile game Siege Castles. I was responsible for integrating Google AdMob to the game and the iOS build.Unity 3D	1 month
2019	PHZ Full Stack <i>Full Stack developer</i> <ul style="list-style-type: none">I was a part of small team developing an accounting software for internal use.Scala, Node.js, React, TypeScript, Express.js, LDAP, Keycloak, Docker, vagrant, MySQL, PostgreSQL, Robot Framework, BackstopJS, MochaJS, JEST, Extreme Programming	2 months
2018	Apprien <i>Backend developer</i> <ul style="list-style-type: none">I was a part of a small team developing a REST API.PHP, Laravel, MySQL, Vagrant, Google Play API, Extreme Programming	3 months
2017	Aalto University <i>Course Assistant</i>	4 months
2017	Aalto University <i>Research Assistant</i>	3 months

Education

- 2020 - **Master's Programme in Computer, Communication and Information Sciences** Aalto University
Major: Computer Science, Minor: Human Neuroscience and Technology
- 2016 - 2020 **Bachelor of Science** Aalto University
Major: Computer Science, Minor: Exchange studies at City University of Hong Kong
Bachelor's thesis: Artificial Intelligence technologies in automated vehicles
- 2012 - 2015 **Upper secondary school** Viikki Teacher Training School

Volunteer Activities

- 2017-2021 **Various committees and volunteer positions** Tietokilta ry
I was mainly organizing small and large scale events (5 to 300 people), such as the annual ball. In addition, I was one of the two chairpersons of the N-committee in 2021 which provided support and activities for older students.
- 2020 **Responsible for Living and Castle Wardens** AYY Campus Section
I was responsible for living and castle wardens in Aalto University's Student Union's (AYY) Campus Section. Campus Section develops, maintains, and activates the Otaniemi campus aiming to create an even more enjoyable place to live and study.
- 2019 **Chairperson** Ota-Karjut ry
I was the chairperson of an organization of about 80 people, that organises events and works to improve communal living in Otaniemi.
- 2018 **Secretary** Ota-Karjut ry
I was the secretary of Ota-Karjut ry.
- 2018 **Publicist, Member of the board** Tietokilta ry
I was responsible for creating and sending weekly newsletters to our Finnish members (over 600 people) and responsible for our information channels as well as social media channels. I was also a member of the board.