Essi Jukkala

Curriculum vitae

Suvilahdenkatu 4 B 36
00500 Helsinki
Finland
✆ +358 (0) 400 601958
✉ essi.jukkala@aalto.fi
fi.linkedin.com/in/essijukkala

Education

09/2015–	**2$^{\text{nd}}$ year Master's student**, *Aalto University School of Science and School of Arts*.
	Major: Game Design and Production
	Completed credits: 82/120 ECTS
09/2013– 06/2015	**Bachelor of Science**, *Aalto University School of Science*.
	Major: Computer Science, Minor: Cognitive Science (University of Helsinki)
	Completed credits: 180/180 ECTS
09/2012– 08/2013	**1$^{\text{st}}$ year engineering student**, *Aalto University School of Electrical Engineering*.
	Major: Electrical Engineering

Bachelor thesis

2015	*Survey on HDR tone mapping algorithms*
Supervisors	Ari Silvennoinen, Markus Kettunen

Experience

05/2015–	**Course Head Assistant**, *Aalto University School of Electrical Engineering*.
	Designing course content for C and C++ courses and implementing the programming exercises.
01/2017– 05/2017	**Course Head Assistant**, *Aalto University School of Science*.
	Managing and teaching the Laboratory works in Networking and Security course.
09/2015– 05/2016	**Study advisor**, *Aalto University School of Science*.
	Assisting in matters of the Bachelor's Programme in Science and Technology and practical guidance in bachelor's studies.
01/2015– 05/2016	**Course assistant**, *Aalto University School of Science*.
	Producing exercises and assisting students for courses Computer Networks (CSE-C2400) and Laboratory Works in Networking and Security (T-110.5102).
06/2014– 05/2015	**Course assistant**, *Aalto University School of Electrical Engineering*.
	Assisting students with programming exercises for course C programming (ELEC-A7100).
06/2014– 08/2014	**Research assistant**, *Aalto University School of Electrical Engineering*.
	Updating the Department of Radio Science and Engineering's internet and intranet pages.

Computer skills

Programming	**C, C++, C#, Git, Bash, Linux, Python, JavaScript, PostreSQL**
Programs	**Unity3D, Visual Studio, Microsoft Office, Photoshop, Illustrator, InDesign**

Languages

Finnish	**Native profiency**
English	**Professional working profiency**
Swedish	**Elementary profiency**
Spanish	**Elementary profiency**

Relevant courses

Course	Credits	Grade
Game Project (C#)	15	4
Basic Course in C programming	5	5
C++ Programming	5	5
Computer Graphics (C++)	5	5
Programming Parallel Computers (C++)	5	5
Game Design	5	4
Game Analysis	5	4
Software Project 1 & Software Project 2	10	4
Basics of Programming (Python)	5	5
Tools of Digital Media (HTML, CSS, Javascript)	3	4
Basics of Digital Expression (Photoshop, Illustrator, InDesign)	8	4
Programming 1 (Scala)	5	3
Data Structures and Algorithms	5	3
3D animation (Maya)	10	passed
Advanced Computer Graphics (C++)	5	ongoing

Other information

Vice-chairman of the Board at Guild of Electrical Engineering	*2016*
Secretary at Guild of Electrical Engineering	*2016*
Secretary at Sähköklubi ry	*2016*
Student representative at Aalto CCIS Programme Committee	*2016*
Master of Ceremonies at Guild of Electrical Engineering	*2015*
Guild official at Guild for Computer Science	*2014, 2015, 2016 & 2017*
Guild official at Guild of Electrical Engineering	*2013, 2014 & 2017*