

Juho Kastemaa, M.Sc.

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ORCID

in juhokastemaa

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Employment History

- 2025 – Present **Vocational Teacher in Information and Communication Technology & Tourism**, City of Vantaa (Vantaan kaupunki) Varia.
Teaching IBCP, ICT & eSports, IT Systems Support, and IT Fundamentals.
- 2025 **Vocational Teacher in Information Technology**, SAKKY – Savo Vocational College.
Taught SQL, web development, and software project work.
- 2021 – 2025 **Lecturer, Computer Applications**, HAMK UAS, Hämeenlinna.
Via TechLemon Oy: Delivered 3D modeling and VR courses for HAMK, supervised projects, and taught online in both English and Finnish.
- 2023 – 2024 **Lecturer, Digital Services Unit**, Haaga-Helia UAS, Helsinki.
Instructing 3D, VR, Design, and Computer Projects in the Digital Services Unit, offering specialized education in digital technologies.
- 2014 – 2025 **Creative Technologist Educator**, TouchDown Creations / TechLemon Oy, Helsinki.
Developed VR and game projects, including Odyssey – The Deep Space Expedition, and instructed 3D, VR, and interactive media projects at HAMK UAS.
- 2013 – 2014 **Digital Consultant & Web Developer**, San Francisco.
Worked on advertising, quantitative analysis, and web development projects with 3Q Digital and the nonprofit organization Indego Africa.

Education

- 2015 – 2017 **Master of Science (M.Sc. DI), Human-Computer Interaction**, KTH Royal Institute of Technology.
Awarded 2017.
- 2022 – 2025 **Bachelor of Culture and Arts (BCA), Smart and Sustainable Design**, Häme University of Applied Sciences (HAMK).
Awarded 2025.
- 2011 – 2014 **Bachelor of Business Administration (BBA), Information Technology**, Haaga-Helia University of Applied Sciences.
Awarded 2014.
- 2025 – 2026 **Professional Teacher Education, Pedagogical Studies, International Professional Teacher Education**, Häme University of Applied Sciences (HAMK).
Awarded 2026.

Publications

Games

- 1 J. Kastemaa, *Dodo adventures*, VR Game published on Steam, 2021. [URL: https://store.steampowered.com/app/1269230/Dodo_Adventures/](https://store.steampowered.com/app/1269230/Dodo_Adventures/).
- 2 J. Kastemaa, *Odyssey – the deep space expedition*, VR Game published on Steam, 2019. [URL: https://store.steampowered.com/app/738600/Odyssey_The_Deep_Space_Expedition/](https://store.steampowered.com/app/738600/Odyssey_The_Deep_Space_Expedition/).

Thesis

- 1 J. Kastemaa, “Moon jar as a stream of consciousness: Integrating moon jar techniques with finnish ash materials: An autoethnographic study,” Bachelor’s Thesis, HAMK University of Applied Sciences, 2025. [URL: https://urn.fi/URN:NBN:fi:amk-202504176909](https://urn.fi/URN:NBN:fi:amk-202504176909).
- 2 J. Kastemaa, “Recognizing compound facial expressions of virtual characters in augmented reality,” Master’s Thesis, KTH Royal Institute of Technology, 2017. [URL: https://urn.kb.se/resolve?urn=urn:nbn:se:kth:diva-210233](https://urn.kb.se/resolve?urn=urn:nbn:se:kth:diva-210233).

See more projects and thesis at juhokastemaa.com and LinkedIn (@juhokastemaa).

Skills

Languages	📖	Fluent in English (TOEFL: 93), Finnish, and Swedish.
3D Design	📖	Wheel throwing, glazing, digital sculpting, large-scale ceramics.
Game & VR Development	📖	Unity, Unreal Engine, game mechanics, interactive experiences.
Education & Communication	📖	Teaching, thesis supervision, public speaking.
Project & Research Skills	📖	Team leadership, IT projects, grant writing, academic publishing, AI.

Miscellaneous Experience

Awards and Achievements

- 2019 📖 **DigiDemo Grant, AVEK / OKM (15 000 €)**, Awarded funding to develop the *Dodo Adventures* virtual reality series using Unity.

Other Academic Experience

- 2013 - 2024 📖 **Exchange Programs**, ERASMUS Teacher Exchange, ITS Malta; ERASMUS Exchange, ESAD.CR Portugal; Student Exchange, Monash University MADA Australia; Student Exchange, Murray State University USA.

Positions of Trust

- 2017 📖 **Mentor & Jury Member, Marimekko Designathon**, Served as a mentor and juror in a design competition alongside Arni Aromaa and Tiina Alahuhta-Kasko. <https://tinyurl.com/53c8nsx2>
- 2026 📖 **Coordinator, Presidential Student Discussion, Varia Vocational College**, Organized and facilitated a student Q&A session during President Alexander Stubb’s school visit. <https://tinyurl.com/29e2yfme>