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AUTOMATION

A reflective presentation about the largest trend in EIT by Tobias Zeier

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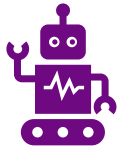
Agenda

Introduction



Robotics and Automation

Efficiency and Skill Shift

Module Reflection

Conclusion

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Introduction

Tobias Zeier, 35

Zurich, Switzerland

2011: Apprenticeship in IT System Engineering

2020: Advanced Federal Diploma of Higher Education in Business Informatics

Head of two DevOps Teams within the Banking industry

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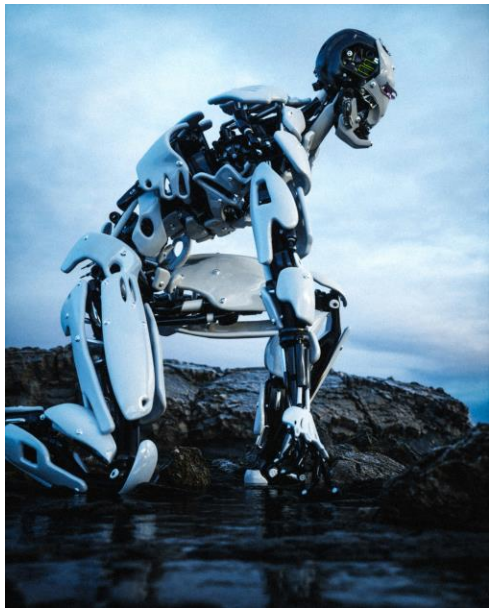
Robotics and Automation



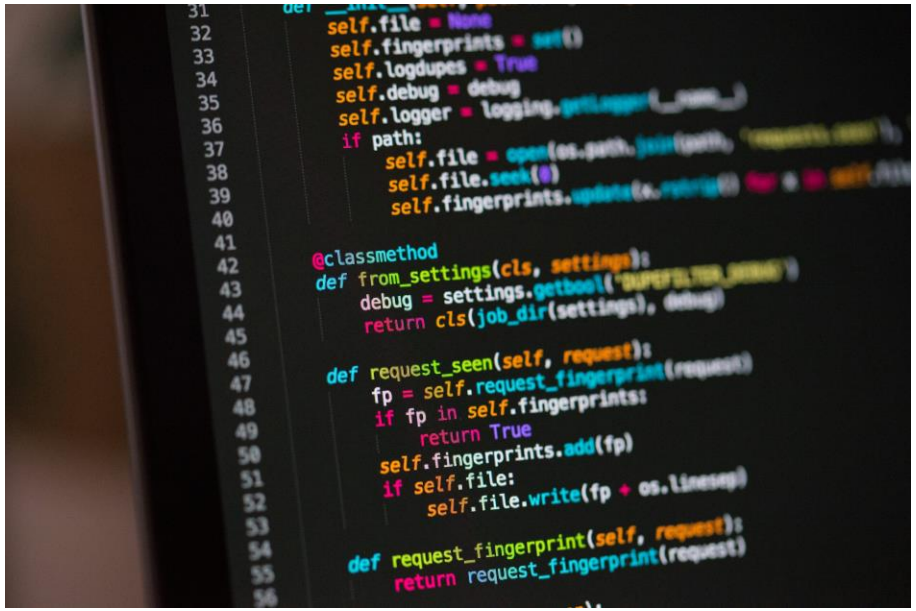


Fig 1-3: Robotics and Automation (copyright free from https://unsplash.com/)

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Automation - Efficiency

Country	2004	2007
Denmark	0.39	0.63
Spain	0.52	0.62
Finland	0.33	0.40
France	0.55	0.66
Germany	1.60	1.80
Italy	0.72	0.80
Japan	0.98	0.85
Sweden	0.32	0.38
UK	0.25	0.30

Table 1: Robots per Country (Kromann et al., 2020)

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Automation – Skill Shift

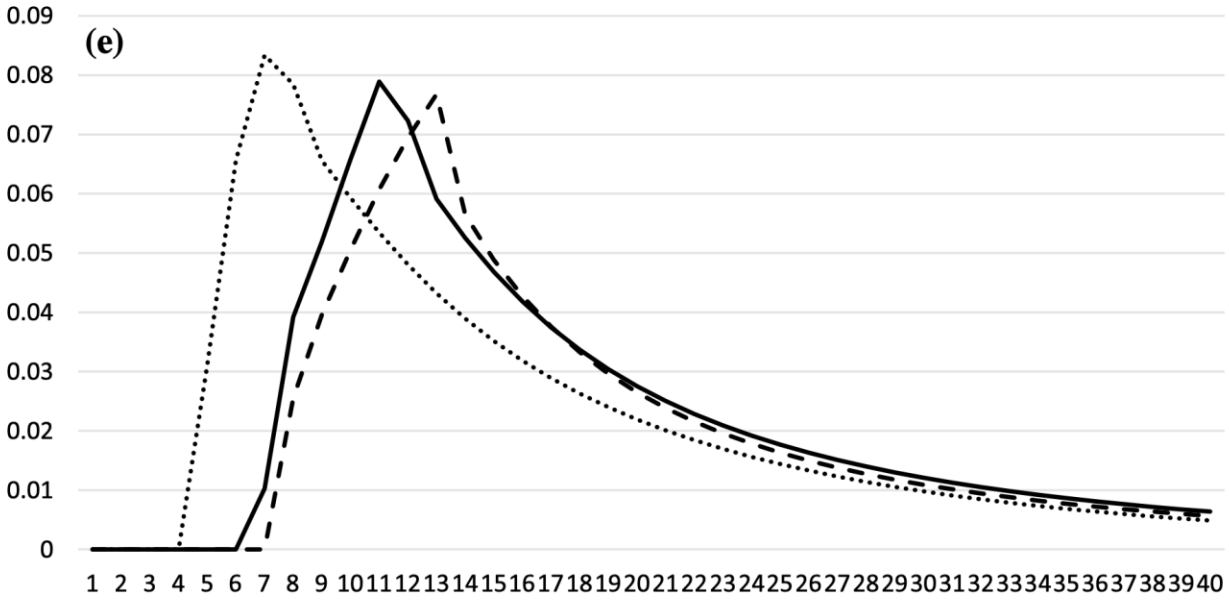

Figure 4: Automation will boost employment (Nakamura & Zeira, 2023)

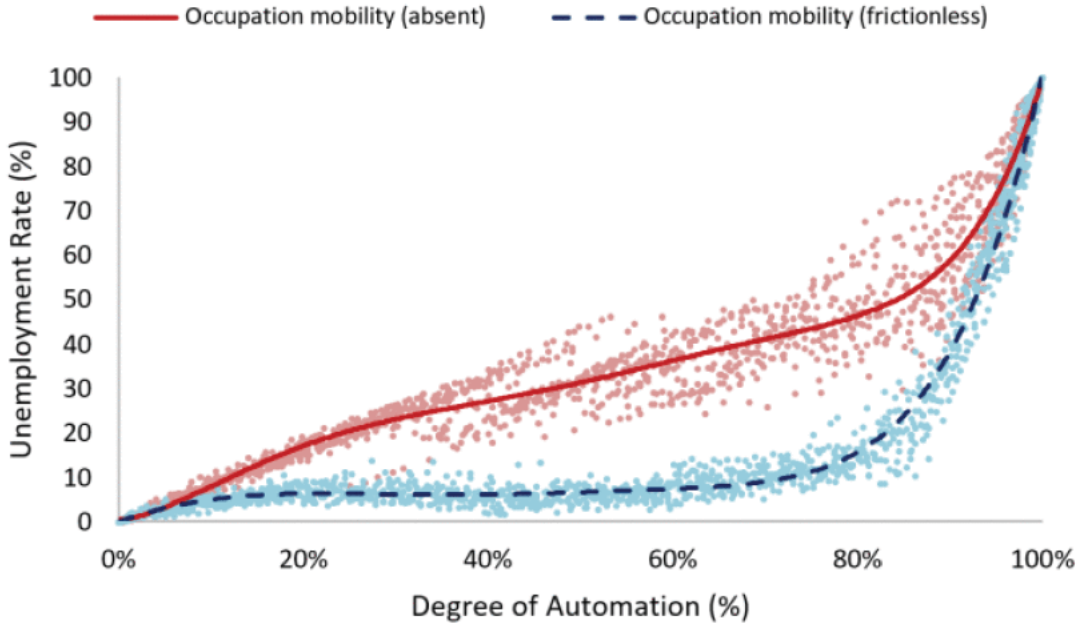

Figure 5: Importance of training (Upreti & Sridhar, 2024)

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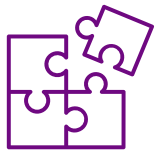
Reflection

EIT: TOGAF

Reflection

Python Coding



Frustration, Challenge

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Conclusion

Upskilling

Customer expectation

Education

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