

Guðni Matthíasson | CV

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Education

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|--|------------------------------------|
| Technical University of Denmark <i>MSc in Computer Science and Engineering</i> Computer science and engineering studies with a deep focus on computer security. | Kongens Lyngby 2019–2021 |
| Reykjavík University <i>BSc in Computer Science</i> General computer science with a focus on computer graphics and cryptology. | Reykjavík 2011–2014 |
| Menntaskólinn Hraðbraut <i>Secondary Education in Linguistics</i> | Reykjavík 2009–2011 |

Experience

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|---|----------------------------------|
| Advania <i>Software Specialist</i> Customized Microsoft Dynamics solutions. I work on customizing and implementing custom and 3rd-party solutions for various customers. My responsibilities have involved maintenance on development, testing and production environments, system upgrades and implementation of electronic invoicing. I also regularly participate in reviews and updates to the secure operating standards and procedures of Advania Business Solutions. | Reykjavík 2018–present |
| Annata <i>Software Developer</i> Microsoft Dynamics solutions for the automotive industry. | Reykjavík 2014–2018 |
| Domino's Pizza <i>Driver - Pizza delivery</i> | Mosfellsbær 2013–2014 |
| Bónus <i>Cashier - Grocery store</i> | Mosfellsbær 2011–2012 |
| Bónus <i>Warehouse reception - 2-week replacement</i> | Kópavogur 2011 |
| Múr & Steining <i>General Assistant - Masonry building and repairs</i> | Mosfellsbær 2009–2011 |

Recommendations

Contact me for details.

Certifications

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|---|-----------------|
| Power Platform Developer Associate <i>Microsoft Certified</i> | <i>Jun 2021</i> |
| Microsoft Dynamics AX Development Introduction <i>Microsoft Specialist</i> | <i>Oct 2016</i> |
| Microsoft Dynamics AX 2012 Development Introduction <i>Microsoft Specialist</i> | <i>Oct 2014</i> |

Languages

Icelandic: Proficient *Native language*
English: Proficient *Primary working language 2014–2018*
Danish: Intermediate *Limited experience*
German: Elementary *Basic understanding*
Spanish: Elementary *Basic understanding*

Computer skills

Operating systems: Windows, Linux (mostly Ubuntu/Debian)
Programming: Dynamics 365, Power Platform, Python, C/C++, C#, .NET, SQL, Java
Other: Office 365, L^AT_EX, HTML, CSS

Interests

Science & technology: I am extremely curious about most things technical.
Computer security: Learning how computer systems break is important to me, as it allows me to better understand how to make them more resilient to attacks.
Music: I am obsessed with all kinds of music. I also like to play the guitar and sing.
Travel: One of my greatest passions is to explore new places and experience new things.
Sports: I have a PADI certification for open water scuba diving and enjoy practicing martial arts.
Hiking and camping: Ironically, as a software and computer security specialist, I like taking some time as far away from a computer as possible every now and then.

Publications

G. Matthíasson, “Real-time execution tracing with ipt,” Master’s thesis, Danmarks Tekniske Universitet, 2021. Leveraging Programmable Intel Processor Trace Components for Real-time Device Data and Execution Stream Tracing.

G. Matthíasson, A. Giarretta, and N. Dragoni, “IoT device profiling: From mud files to s×c contracts,” in *Open Identity Summit 2020* (H. Roßnagel, C. H. Schunck, S. Mödersheim, and D. Hühnlein, eds.), (Bonn), pp. 143–154, Gesellschaft für Informatik e.V., 2020.

G. Matthíasson, E. Sigurðsson, and J. Ólafsson, “Tölvuleikir sem námsefni.” Library Catalog: www.sky.is.