

# Guðni Matthíasson | CV

Laufengi 8 – 112 Reykjavík – Iceland

☎ +354 660 4809 • ✉ gm@gmatt.is • GitHub/gdnoz  
LinkedIn/gudni-matthiasson • gmatt.is • Software developer

## Education

<b>Danmarks Tekniske Universitet</b> <i>MSc in Computer Science and Engineering</i> Computer science and engineering studies with a deep focus on computer security.	<b>Kongens Lyngby</b> 2019–present
<b>Reykjavík University</b> <i>BSc in Computer Science</i> General computer science with a focus on computer graphics and cryptography. During my studies I wrote an article on the use of video games as engagement tools for learning which was published by The Icelandic Computer Society. <sup>1</sup>	<b>Reykjavík</b> 2011–2014
<b>Menntaskólinn Hraðbraut</b> <i>Secondary Education in Linguistics</i>	<b>Reykjavík</b> 2009–2011

## Experience

<b>Advania</b> <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 general maintenance on development and production environments, system upgrades and implementation of electronic invoicing.	<b>Reykjavík</b> 2018–present
<b>Annata</b> <i>Software Developer</i> Microsoft Dynamics solutions for the automotive industry.	<b>Reykjavík</b> 2014–2018
<b>Domino's Pizza</b> <i>Driver</i> - Pizza delivery	<b>Mosfellsbær</b> 2013–2014
<b>Bónus</b> <i>Cashier</i> - Grocery store	<b>Mosfellsbær</b> 2011–2012
<b>Bónus</b> <i>Warehouse reception</i> - 2-week replacement	<b>Kópavogur</b> 2011
<b>Múr &amp; Steining</b> <i>General Assistant</i> - Masonry building and repairs	<b>Mosfellsbær</b> 2009–2011

## Recommendations

Contact me for details.

## Certifications

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**MS: Microsoft Dynamics AX Development Introduction** 2016–present  
*MCPS: Microsoft Certified Professional*

**MBSS: Microsoft Dynamics AX 2012 Development Introduction** 2014–2016  
*Microsoft Certified Professional*

## Languages

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**Icelandic:** Proficient *Native language*

**English:** Proficient *Primary working language since 2014*

**Danish:** Elementary *Limited reading and writing, but little practical experience*

**German:** Elementary *Basic understanding*

**Spanish:** Elementary *Basic understanding*

## Computer skills

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**Operating systems:** Windows, Linux (Ubuntu, Arch), Mac OS

**Programming:** Visual Studio, Dynamics AX, C/C++/C#, .NET, SQL, Java, Python, JavaScript

**Other:** Microsoft Office, L<sup>A</sup>T<sub>E</sub>X, HTML, CSS

## Interests

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**Science & technology:** I have always been very curious. I want to know how things work and fit together. I am especially interested in space travel and general physics.

**Computer security:** In today's connected world, the security threats facing every connected system keep growing in numbers. I want to learn about these threats and ways to prevent them.

**Music:** I am obsessed with all kinds of music. I learned to play the cornet and the guitar at a young age and started focusing entirely on the guitar at age 11. I still play and sing on occasion.

**Travel:** My greatest passion in life is to explore new places and experience new things.

**Sports:** I trained in Tae Kwon Do from age 11 through 15 and transitioned into Brazilian Jiu Jitsu and Thai Boxing until age 21. Something about combat sports has always fascinated me.

**Video games:** To me, video games are the most engaging form of digital media. At school I studied and published an article on uses for video games in education.<sup>1</sup>

**Hiking and camping:** Ironically, as a software developer and video game enthusiast, I like taking some time as far away from a desktop computer as I possibly can every so often.

## Publications

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G. Matthíasson, A. Giaretta, 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: Gesellschaft für Informatik e.V., 2020, pp. 143–154.

G. Matthíasson, E. Sigurðsson, and J. Ólafsson, "Tölvuleikir sem námsefni," library Catalog: [www.sky.is](http://www.sky.is). [Online]. Available: <https://www.sky.is/index.php/toelvumal/item/1705-toelvuleikir-sem-namsefni>