

# Emil Gydesen

Founder, owner and IoT specialist at Antero

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Year of birth 1992

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## Professional Summary

I am an entrepreneurial minded computer scientist, who loves to explore new areas and challenge myself with new tasks, and see how my existing knowledge can be applied to new fields. My main interests in computer science are networks, security, IoT and optimization, but I have worked with a variety of different projects in mobile applications, websites, databases and machine intelligence. I have been working with Bluetooth Low Energy (BLE) and its future design and firmware development for several years, and have designed systems that rely on BLE (or similar) technologies.

## Experience

- 2018 - present** Founder, owner and IoT specialist at Antero, implementing tailor-made IoT solutions for other businesses and creating our own products.
- 2016 - 2018** Senior Software Developer in the IoT team at Samsung Denmark Research Center. Developed and designed a BLE stack.
- 2015 - 2016** Student developer at Intel. Developing internal tools for collecting and reporting test results.
- 2011 - 2016** Volunteer at the Danish Youth Association of Science (UNF), where I held top positions such as Chairman of the board and project coordinator.

## Education

- 2014 - 2016** Master in computer science from Aalborg University. Specialized in distributed and embedded systems.
- 2014 - 2015** External student at University of California, San Diego (UCSD).
- 2011 - 2014** Bachelor of Science, Computer Science from Aalborg University.

## Skills

- Fluent Danish
- Embedded software
- Bluetooth Low Energy
- Computer security
- Software optimization
- System architecture
- Database management
- Fluent English
- Web and software development
- Project management
- Server administration
- Research and development
- Distributed systems
- Continuous integration and deployment

## Publications

- Gydesen J., Haxholm H., Poulsen N., Wahl S. and Thiesson B. (2015). HyperSAX: Fast Approximate Search of Multidimensional Data. In Proceedings of the International Conference on Pattern Recognition Applications and Methods, pages 190-198. DOI: 10.5220/0005185201900198