

# Curriculum Vitae



## Personal data

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**Name:** Zsolt Gelencsér  
**Place and date of Birth:** Hungary Veszprém, 1986. July 11.  
**Citizenship:** Hungarian  
**Address:** H-9024 Győr, Pátzay Pál utca 10.  
**Telephone:** +36 (20) 565-69-69  
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## Education

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**2010-** **Pázmány Péter Catholic University, Budapest**  
Interdisciplinary Technical Sciences Doctoral School  
PhD student

**2005-2010.** **Pázmány Péter Catholic University, Budapest**  
Faculty of Information Technology  
Master of Sciences in Electronic and Computer Engineering  
Software technology and Robotics

**1992-2005.** **Apor Vilmos Katolikus Iskolaközpont, Győr**  
High-school graduation

## Languages

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**Hungarian** mother tongue  
**English** intermediate level, (European level: B2), 2007  
**German** intermediate level, (European level: B2), 2003

## Other qualifications

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**Information technology software operator** qualification 2005  
**Informatics Specialist in Bionic Computing** post graduate qualification 2012  
**Driver's License** 2005

## Technical Skills

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**Programming:** Pascal, C++, Java, Perl, Python, JavaScript, HTML, SQL, MatLab  
**Applications:** Mathematica, MS Office and other common productivity packages for Windows, and Linux platforms

## Professional interests

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Computer sciences, bioinformatics, database integration, genome comparisons

## **Publications**

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**Zsolt Gelencsér**, Borisz Galbáts, Juan F. Gonzalez, K. Sonal Choudhary, Sanjarbek Hudaiberdiev, Vittorio Venturi, and Sándor Pongor "*Chromosomal Arrangement of AHL-Driven Quorum Sensing Circuits in Pseudomonas*" ISRN Microbiology, vol. 2012, Article ID 484176, 6 pages, 2012.

Dóra Bihary, Ádám Kerényi, **Zsolt Gelencsér**, Sergiu Netotea, Attila Kertész-Farkas, Vittorio Venturi, Sándor Pongor "*Simulation of communication and cooperation in multispecies bacterial communities with an agent based model*" Scalable Computing: Practice and Experience Volume 13, Number 1, pp. 21–28.

**Zsolt Gelencsér**, Kumari Sonal Choudhary, Bruna Goncalves Coutinho, Sanjarbek Hudaiberdiev, Borisz Galbáts, Vittorio Venturi, and Sándor Pongor "*Classifying the Topology of AHL-Driven Quorum Sensing Circuits in Proteobacterial Genomes*" Sensors, vol. 12(5), pp. 5432-5444, 2012.

Kumari Sonal Choudhary, Sanjarbek Hudaiberdiev, **Zsolt Gelencsér**, Bruna GonçalvesCoutinho, Vittorio Venturi, and Sándor Pongor "*The Organization of the Quorum Sensing luxI/R Family Genes in Burkholderia*" Int J Mol Sci, vol. 14, pp. 13727-13747, 2013.

Budapest, 03. August 2013