

CURRICULUM VITAE

Personal

Name: Peter Bašista
Home address: Vrbovská 13, 071 01 Michalovce, Slovakia
Current address: Hurbanova 1277/10, 142 00 Praha 4, Czech Republic
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Jobs

2013–present Front Arena developer
Absa team, Barclays Prague
Fixing bugs and customizing vendor-supplied Python code in a proprietary trade capture and reporting software called Front Arena. Updating finance-related calculations, data views and client reports. Creating automation tools for a better development experience. Helping with the transition to a more modern development process and a more automated deployment process.

Education

2009–2012 Master's degree in Theoretical Computer Science,
Faculty of Mathematics and Physics,
Charles University in Prague.
Master's thesis: Suffix tree construction with minimized branching
available online: <http://pbasista.appspot.com/theses/stcmb.pdf>

2006–2009 Bachelor's degree in General Computer Science,
Faculty of Mathematics and Physics,
Charles University in Prague.
Bachelor's thesis: Visualization of algorithms (in Slovak language)
available online: <http://pbasista.appspot.com/theses/va.pdf>

2002–2006 Secondary grammar school of Pavol Horov in Michalovce.

Experience

Implemented the *suffix tree construction*, an application for benchmarking some basic algorithms for the construction of the suffix tree over the text coming from the input file.

Command line application written in C and compilable under Linux and OS X.

Designed the *Algorithm Animation Library*, a framework for visualization of algorithms.

GTK+ application written in C++ and compilable under Linux and Windows.

Created some smaller utility applications, available at GitHub.

Skills

Solid background in theoretical computer science, including *complexity, computability and data structures*.

Familiarity with many concepts of artificial intelligence, including *planning, scheduling, machine learning and data mining*.

Ability to efficiently develop applications of notable quality.

Languages

Native: Slovak, Czech

Other: English — decent knowledge, daily usage

German — basic knowledge, occasional usage

In detail:

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
German	A1	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

according to the Common European Framework of Reference for Languages, or CEFR