

## Profile

An experienced software developer with an analytically capable, curious mind, a continuous drive for learning and good communication skills wants to join your company.

## Personal

Full Name	Janos Brezniczky
Address	135 Horsenden Lane South, Perivale, Middlesex, UB6 7NS
Phone	07484 641 682
Email	brezniczky@gmail.com
Education	<p>PgC in Cloud and Data Technologies, Birkbeck, University of London (provisional: high merit or distinction, 68.5%, final result: August, 2017)</p> <p>PgC in Econometrics, Birkbeck, University of London (distinction, 2016)</p> <p>BSc in Programming Mathematics, University of Pannonia (Hungary) (good ~2.1, 2014)</p> <p>Matura (~ UK A-levels), Wigner Jenő Középiskola, Eger (Hungary) (straight "excellent" ~ UK AAA or AAB grades, 1997, exempt from the physics and mathematics exam due to earlier national level top 5 competition results in both subjects)</p>

## Technical Skill Highlights

	Work Experience	Academic and/or Hobby Exposure
Languages	Object Pascal (9+ years) R (1+1 year work/academic) Python (1 month)  XML, SQL, C#, HTML4, CSS2, ASP, ASP.NET, VBA (Excel/Access), VBScript, JScript	Python Go C++ Java .NET framework (numerous others)
Operating Systems	Windows (98...10, including some server versions)	Linux (2+ years)
Technologies, Methodologies, Practices	object-oriented programming unit testing peer reviews econometrics mathematical programming information visualisation multi-threading databases component development network programming agile methodologies (some)	XP/TDD, code crafting data science pipeline machine learning big data cloud computing (AWS)

## Career History

11/2011-9/2015	<b>Software Developer, marketingQED Limited (4.8 years, <a href="http://marketingqed.com">marketingqed.com</a>)</b> Working on a complex marketing analytics toolset for easy modelling, forecasting and optimisation with parametric techniques, genetic algorithms, time-series and panel data.
8/2016-	<ul style="list-style-type: none"> <li>• Prototyped (in R) and implemented a constrained non-linear optimisation algorithm that brought a project back to life and to its release</li> <li>• Started using R over Excel workbooks</li> <li>• Learnt about information visualisation principles</li> <li>• Implemented, improved statistical calculations</li> <li>• Studied econometrics to develop domain-specific understanding</li> <li>• Transferred knowledge e.g. via peer reviews</li> <li>• Startup environment, in the main office in London</li> </ul>
9/2015-7/2016	<b>Continued Professional Development</b> Self-directed learning with a focus on analytics, completed courses: <ul style="list-style-type: none"> <li>• Data Science Specialization, Johns Hopkins University (a 10-course R-based specialisation over 9+ months)</li> <li>• Programming for Everybody (Python-based), University of Michigan (4 of 5 courses complete)</li> <li>• Data Science at Scale, University of Washington (2/4 courses complete)</li> <li>• To practice, participated in Kaggle machine learning competitions (achieved a top 3% result, 135 th of over 5000 participants, including active researchers)</li> </ul>
8/2006-3/2011	<b>Application Developer, Vamsoft Kft. (approx. 4.5 years, <a href="http://vamsoft.com">vamsoft.com</a>)</b> <ul style="list-style-type: none"> <li>• Worked on an award-winning high-performance spam filtering software suite (ORF), sometimes smaller in-house solutions</li> <li>• Startup mindset, part of a very small, dedicated, disciplined, competent team</li> <li>• Resolved some very challenging, highly technical issues, e.g. created a database provider for log files, COM performance tuning, multi-threaded and socket level programming</li> <li>• Delphi, MSSQL, C#, HTML4, CSS2, JavaScript, jQuery</li> </ul>
2/2006-6/2006	<b>Application Developer, contracting with Vazsonyi Kft. (approx. 3 months)</b> <ul style="list-style-type: none"> <li>• Completed the re-implementation of two database intensive desktop applications – a result of years of development in 2 months</li> <li>• Rewrote a development of years in 2 months. Created an application integrating into a multi-tier system for pharmacies, over a slow internet connection</li> <li>• Used SQL with Paradox, Interbase/Firebird databases, Delphi</li> </ul>
<b>Other</b>	
2013-	Attendant of numerous events (e.g. code dojos, New Scientist talks, the AWS summit).
1996-1997	Finished at the 1st, 2nd, 13-14th at national mathematics, physics and electronics competitions for secondary schools (~ up to 1:5000 – 1:10000 results).