



## Mgr. Jáchym Brzezina

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Sex: Male | Date of birth: Feb 20, 1987 | Nationality: Czech

### Work experience









- 03/2018–** **Head of Air Quality Department**  
 **Czech Hydrometeorological Institute, Brno regional office**  
management of the department, communication with customers, analysis and preparation of scientific studies, data analysis, publication, communication with media, research and development, participation in projects, software development, active participation at conferences, administration of social networks of CHMI, mobile app development, CHMI marketing, CHMI representative in National body for research, development and innovation of the Czech Rep., data visualization, annual book creation.
- 06/2021–** **Data analyst, web developer and graphic designer**  
 **Global Change Research Institute (CzechGlobe), Brno**  
data processing and analysis, data visualization, infographics, interactive web application development
- 07/2019–** **Task leader – European industrial emissions**  
 **European Environment Agency, Copenhagen (Denmark)**  
team leading, management, data analysis and processing
- 3/2014–3/2018** **Meteorologist/climatologist**  
 **Czech Hydrometeorological Institute, Brno regional office**  
data analysis, publishing, research projects, translations, data outputs web applications development
- 2012–2014** **Translator/editor**  
 **Lingea Ltd., Brno**  
creation of English/Czech dictionary, translation of travel guides and science-related texts

### Education

- 2015–** **Doctoral Degree (Ph. D.)**  
 **Mendel University in Brno**  
Applied and landscape ecology
- 2009–2014** **Bachelor's and Master's Degree (Mgr.)**  
 **Masaryk University, Brno**  
Molecular biology and genetics
- 2006–2008** **Bachelor's Degree (Bc.)**  
 **University of Edinburgh, Edinburgh (United Kingdom)**  
Molecular biology and genetics
- 2002–2006** **International School of Stuttgart, Stuttgart (Germany)**  
International Baccalaureate (IB)
- 2001–2002** **St. John's International School, Waterloo (Belgium)**
- 1998–2004** **Gymnázium Matyáše Lercha, Brno**



## Personal skills and abilities

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	Languages	<b>Mother tongue: Czech</b>																														
		<table><thead><tr><th></th><th colspan="2">Understanding</th><th colspan="2">Speaking</th><th>Writing</th></tr><tr><th></th><th>listening</th><th>reading</th><th>spoken interaction</th><th>spoken production</th><th></th></tr></thead><tbody><tr><td><b>English</b></td><td>C2</td><td>C2</td><td>C2</td><td>C2</td><td>C2</td></tr><tr><td><b>German</b></td><td>B1</td><td>B1</td><td>A2</td><td>A2</td><td>A2</td></tr><tr><td><b>French</b></td><td>A2</td><td>A2</td><td>A2</td><td>A2</td><td>A2</td></tr></tbody></table>		Understanding		Speaking		Writing		listening	reading	spoken interaction	spoken production		<b>English</b>	C2	C2	C2	C2	C2	<b>German</b>	B1	B1	A2	A2	A2	<b>French</b>	A2	A2	A2	A2	A2
	Understanding		Speaking		Writing																											
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<b>English</b>	C2	C2	C2	C2	C2																											
<b>German</b>	B1	B1	A2	A2	A2																											
<b>French</b>	A2	A2	A2	A2	A2																											
	Communication skills	very good communication skills partially gained while studying abroad and co-operation with people of many different nationalities and cultures, communication with colleagues, media, scientists and customers as the head of department and R&D.																														
	Organizational / managerial skills	good organizational skills gained from leading a department, being a task leader of projects and providing support as part of a free-time project used by thousands of users worldwide.																														
	IT skills	MS Windows, MS Office (advanced user), Adobe Photoshop (advanced user), web development (HTML, CSS, PHP, jQuery), databases (MySQL, PostgreSQL), Statistica, R, Affinity Photo/Designer, Wordpress, WebFlow, typing with 10 fingers																														
	General skills	data analysis, data visualization, infographics, web applications development, expertise in the field of air quality, graphic design, analysis of environmental data (data sets, remote sensing), photography and video creation and post-processing of media, social networks management																														
	General characteristics	reliable, precise, communicative, responsible, flexible, creative, initiative, independent																														
	Hobbies	meteorology and climatology, environment, IT, technologies, languages, data analysis and visualization, web development, hiking, mountain biking, playing the keyboard, ecology, macrophotography																														
	Driving license	<b>B</b> (active driver)																														

## Awards, certificates and other activities

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	Certificates and awards	<ul style="list-style-type: none"><li>• <b>Rensselaer Polytechnic Institute (New York) Medal for Best Science Student</b></li><li>• <b>Cambridge Certificate of Proficiency in English (C2)</b> - grade A</li><li>• <b>LinkedIn Skill Badges</b> – within the top 5 % of users: PHP, Javascript, MS Word, MS Excel, MS PowerPoint, Adobe Photoshop, HTML, CSS, MySQL</li></ul>
	Projects	<ul style="list-style-type: none"><li>• <b>Envidata.cz</b> – a complex and interactive analysis of open data related to the environment.</li><li>• <b>Meteotemplate</b> – a free-time project involving development and support of a web template for weather station owners, used by thousands of users from over 80 countries and translated to over 35 languages.</li><li>• <b>Primát.cz</b> – most active student in the history of the Czech webpage for students sharing knowledge and materials, later being in the development team.</li><li>• <b>Open House Brno</b> – technical support (web development, photo/video creation and processing) for architectural festival in Brno.</li></ul>