

# Tomáš Brůna

bruna.tomas@gatech.edu • +1 (470) 424-3967

<b>EDUCATION</b>	<b>Georgia Institute of Technology</b> <b>Bioinformatics</b>	<b>USA</b> <b>2017 – present</b>
	<b>Czech Technical University in Prague, Faculty of Electrical Engineering</b> <b>Data Science</b>	<b>Czech Republic</b> <b>2016 – 2017</b>
	<b>Milwaukee School of Engineering</b> <b>Computer Science</b>	<b>USA</b> <b>2015 – 2016</b>
	▪ One year student exchange	
	<b>Czech Technical University in Prague, Faculty of Information Technology</b> <b>B.Sc., Software Engineering</b>	<b>Czech Republic</b> <b>2012 – 2015</b>
	▪ Graduated with Honors	
	▪ Thesis: Implementation of the Chameleon Clustering Algorithm	
<b>WORK EXPERIENCE</b>	<b>POGRR Příbram</b> <b>IT assistant, graphic designer</b>	<b>Czech Republic</b> <b>2010 – 2015</b>
	▪ Part-time job during high school and college for a wholesale company	
	▪ IT support for various departments	
	▪ Design and typesetting of monthly product catalogues	
	<b>Student Reservation System for the Charles University</b> <b>Developer</b>	<b>Czech Republic</b> <b>2014</b>
	▪ Designed and developed an on-line reservation system for classrooms at the First Faculty of Medicine of the Charles University	
	▪ The system was successfully deployed and is still being used by the University	
<b>RESEARCH EXPERIENCE</b>	<b>Summer research</b> , Czech Technical University in Prague	<b>2015</b>
	▪ Research in advanced clustering methods	
	• Design of a robust graph clustering algorithm based on an existing algorithm called Chameleon	
	▪ The result is a magazine article which was presented at the IEEE International Conference on Data Mining in Barcelona	
<b>PUBLICATIONS</b>	<b>CONFERENCES</b>	
	▪ Barton, T. and Bruna, T. and Kordik, P., “MoCham: Robust Hierarchical Clustering Based on Multi-objective Optimization” in <i>2016 IEEE 16th International Conference on Data Mining Workshops (ICDMW)</i> , Barcelona, Spain, Dec 2016.	<b>2016</b>
<b>ACADEMIC AWARDS</b>	▪ Honors List, Fall 2015, Winter and Spring 2016, Milwaukee School of Engineering	<b>2015, 2016</b>
	▪ Dean’s Award for an exceptional bachelor’s thesis, Czech Technical University	<b>2015</b>
<b>ACHIEVEMENTS</b>	▪ 16 <sup>th</sup> place in the ACM Programming Contest in USA’s North Central region	<b>2015</b>
	▪ Part of a four-member team which won ČSOB Hackathon	<b>2015</b>
	▪ One of three people – out of more than a hundred – selected for a study exchange at Milwaukee School of Engineering	<b>2014</b>
<b>LANGUAGES</b>	▪ English: Fluent – IELTS score 8.0, equivalent to C2 level	
	▪ Czech: Native language	
	▪ German: Elementary	
<b>INTERESTS</b>	Traveling, mountain biking, cross-country skiing, squash	