

Darius Cepulis

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Objective	Seeking full-time employment starting in the Fall of 2018	
Education	MS Computer Science , University of Cincinnati	August 2018, 3.89/4.00
	- Thesis in Information Foraging Theory	
	BS Computer Engineering , University of Cincinnati	April 2018, 3.59/4.00
	- Cincinnati Excellence Scholarship, Honors, Dean's List - Computer Science Minor, Mathematics Minor, International Co-op Certificate	
	St. Ignatius High School , Cleveland, OH	Class of 2013
Work Experience	Corporate Research Co-op, Bosch , Renningen, Germany	2017
	- Designed & Developed software suite for sensor data aggregation & analysis <ul style="list-style-type: none">• Modular back-end based on node.js and InfluxDB• Front-end based on modern web technologies	
	- Trained in Altium PCB design & layout, built 3D-printed enclosures in SolidWorks	
	- Lived & Worked in a diverse, international environment	
	Innovation Lab Co-op, BMW Manufacturing , Greenville, South Carolina	2015
	- Tasked with investigating applications of emerging technologies in manufacturing	
	- Developed & Deployed iOS app for Deep Learning assisted automobile inspections	
	- Supported development and coordinated trials of Google Glass application	
	- Worked in Shell & Python to run Deep Learning benchmarks; compiled results into paper	
	- Designed & Built Raspberry Pi robot for exploring robotics data collection techniques	
	Student Researcher, University of Cincinnati , Cincinnati, Ohio	2016
	- Tasked with autonomously researching applications of neuromorphic hardware <ul style="list-style-type: none">• Designed MATLAB simulation to explore and optimize hardware configurations of neuromorphic hardware; compiled findings into technical paper	
Skills	Programming & Technical Software <ul style="list-style-type: none">- Proficient in Python, C, C++, Swift (iOS), HTML/CSS, JS, UNIX Shell, Git, MATLAB, R, Altium, Verilog, Logisim, SPICE, LaTeX; Experience with MIPS Assembly, Java (Android) Hardware, Systems, & Interfaces <ul style="list-style-type: none">- macOS, Windows, iOS, Android, Arduino, Raspberry Pi, BLE, Serial (UART), I²C, Websockets Relevant Coursework <ul style="list-style-type: none">- Data Structures, Operating Systems, Human-Robot Interface, Software Engineering, Advanced Algorithms, Signals & Systems, Electronics, Technical Writing Creative - Adobe Photoshop, Final Cut Pro/Motion, Microsoft Office, SolidWorks	
	Language - English (C2 - Native), Lithuanian (C2 - Native), German (B - Intermediate)	
Related Experience	Teaching Assistant, Engineering Models with MATLAB	2016 – 2018
	Counselor/Coordinator, Lithuanian Catholic Youth Camps	2010 – 2014
Activities	Mountaineering Club Hughes High School Robotics Mentor Parish Choir Engineering Tribunal BSA/Lithuanian Scouts Lithuanian Folk Dance Group	