

Darius Cepulis

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Overview Passionate Computer Science graduate with international experience in global companies working on diverse and innovative teams as researcher, software engineer, and designer, seeking Software R&D position, available immediately

Education **MS Computer Science**, University of Cincinnati August 2018, 3.96/4.00
- Thesis: Information Foraging in Socio-Technical Environments
Published & Presented at IEEE VL/HCC 2018
BS Computer Engineering, University of Cincinnati April 2018, 3.58/4.00
- Honors, Dean's List, Cincinnatus Excellence Scholarship
- Computer Science Minor, Mathematics Minor, International Co-op Program

Work Experience **Corporate Research Co-op, Bosch**, Renningen, Germany 2017
- Developed software suite for large-scale sensor data aggregation & analysis
• Designed for diverse research teams, with modular node.js and InfluxDB back-end
• Intuitive front-end visualizations created with modern web technologies
- Trained in Altium PCB design & layout, built 3D-printed enclosures in SolidWorks
- Lived & Worked in a diverse, multi-lingual, international environment
Innovation Lab Co-op, BMW Manufacturing, Greenville, South Carolina 2015
- Developed & Deployed iOS app for Deep Learning assisted automobile inspections
• Worked closely with inspectors, saving them 1+ hours per day
• Presented to Board of Directors
- Worked in Shell & Python to prepare datasets and run Deep Learning benchmarks
• Benchmarks supported paper presented in IEEE Big Data 2016
- Supported development & Coordinated feasibility study of Google Glass application
- Designed & Built Raspberry Pi robot for exploring 3D imaging techniques
Student Researcher, University of Cincinnati, Cincinnati, Ohio 2016
- Tasked with autonomously researching applications of neuromorphic hardware
• Wrote MATLAB Simulation to support team and compiled findings into white paper

Skills **Programming & Technical Software**
- Proficient in Python, C, C++, HTML/CSS, JS, MATLAB, UNIX Shell, Git, R, LaTeX
- Experience with Swift (iOS), Keras/TensorFlow, MIPS Assembly, Altium, Verilog, SPICE
Relevant Coursework
- Advanced Algorithms, Machine Learning, Software Engineering, Human-Robot Interaction
Statistics, OS, Embedded Systems, Blockchain, Signals & Systems, Electronics
Hardware, Systems, & Interfaces
- macOS, Windows, iOS, Android, Arduino, Raspberry Pi, BLE, UART, I²C, Websockets
Creative - Photoshop, Illustrator, 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, Head Counselor, Lithuanian Catholic Youth Camp 2010-2014, 2018