

# 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  
    • 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 & Coordinated trials of Google Glass application  
- Worked in Shell & Python to prepare data and run Deep Learning benchmarks  
- 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  
    • Designed MATLAB simulation to explore and optimize hardware configurations of neuromorphic hardware; compiled findings into technical paper

**Skills** **Programming & Technical Software**  
- Proficient in Python, C, C++, Swift (iOS), HTML/CSS, JS, MATLAB, UNIX Shell, Git, R, LaTeX; Experience with MIPS Assembly, Java (Android), Altium, Verilog, Logisim, SPICE  
**Hardware, Systems, & Interfaces**  
- macOS, Windows, iOS, Android, Arduino, Raspberry Pi, BLE, Serial (UART), I<sup>2</sup>C, Websockets  
**Relevant Coursework**  
- Advanced Algorithms, Software Engineering, Machine Learning, Human-Machine-Robot Interaction Statistics, Operating Systems, Embedded Systems, Blockchain, Signals & Systems, Electronics  
**Creative** - 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