# 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 starting in the Fall of 2018

***Education***

**MS Computer Science**, University of Cincinnati *August 2018, 3.96/4.00*
- Thesis: Information Foraging in Socio-Technical Environments
- Accepted at 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, $I^2C$, 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*