

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 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, UNIX Shell, Git, MATLAB, 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), I²C, Websockets
Relevant Coursework
- 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