

# William Bodeis

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## Education

**Saginaw Valley State University** – University Center, MI May 2021  
Masters of Science – Computer Science and Information Systems

**Central Michigan University** – Mount Pleasant, MI August 2015  
Bachelors of Science – Biochemistry

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## Professional Experience

**R&D Embedded Systems Software Engineer** January 2022 – Present  
Nexteer Automotive Corporation  
Saginaw, MI

- TODO - Road safe software while adhering to industry safety standards.
- TODO - Python data acquisition

**Junior Software Developer** January 2018 – December 2021  
AECOM in partnership with The Dow Chemical Company  
Midland, MI

- Windows form applications using VB.Net that also utilized SQL for data processing and entry
- Programmed a Raspberry Pi connected to various probes for water testing to automatically take readings and upload the data to a Power BI dashboard
- Maintaining and updating legacy applications utilized by coworkers
- Work cross functionally to implement new software solutions and functions
- Create tests to find, isolate, and rectify bugs
- Ensure data is entered, imported, and translated accurately

**Adjunct Professor of Computer Science** July 2020 – May 2021  
Saginaw Valley State University  
University Center, MI

- Entry level computer science class for an introduction to computer capabilities, limitations, and applications
- Programming basics using Flowgorithm, followed by Java in PuTTY and Eclipse
- Adapted the course to an online format
- Prepared, administered, and graded assignments

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## Areas Of Expertise

**Software Languages:** C, Python, and Java  
**Others:** ISO-26262, ASPICE, AUTOSAR, MATLAB, and Simulink

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## Publications

“Blockchain Adoption, Implementation and Integration in Healthcare Application Systems,” IEEE, April 2021