PAULS TOMA

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EDUCATION

Oakland University, School of Engineering and Computer Science (2020 – 2022)
Master of Science, Computer Science

Oakland University, School of Engineering and Computer Science (2016 – 2019)
Bachelor of Science, Bioengineering
Concentration: Computer Science

TECHNICAL SKILLS

Object Oriented Computing (Java), Web Development, IBM Rational DOORS, Database Design

EMPLOYMENT HISTORY

Software Engineer (October 2020 to Present)
General Dynamics Land Systems – Sterling Heights, MI

- Developed software requirements for user interfaces to determine functionality of software.
- Collaborated on possible design specifications and changes to improve performance of UI.
- Used various programs to automate the data transfer process into IBM Rational DOORs.
- Update and manage design requirements in IBM Rational DOORs and other documents.

Engineer, (February 2020 to May 2020)
Ford Motor Company - Dearborn, MI

- Developed cost saving algorithms, functions, applications to help investigate savings designs.
- Re-designed physical hardware to decrease cost during production, thus increasing profits.
- Developed cost saving design that included a savings of $0.10 per part manufactured.

Software Engineer, INTERNSHIP (May 2019 to August 2019)
AM General LLC - Auburn Hills, MI

- Conducted software build analysis to mitigate software bugs and faults during production.
- Documented all results and errors, while providing feedback and possible recommendations.
- Investigated root cause of errors and provided possible solutions to team members.
- Cross tested applications to determine overall integration level between both applications.

Software Engineer, INTERNSHIP (May 2018 to September 2018)
United States Department of Defense (TARDEC-GVSC) - Detroit Arsenal, Warren, MI

- Developed application for I.E.D testing group to aid with data collection task.
- Application used data structures to store user inputted data during testing phase.
- Used inputted data to determine if previous tested exerted more force than current test.
- Analyzed biometric data to determine significance of impact on human during IED blast.