

Omar Ismail

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EDUCATION

Johns Hopkins University <i>M.S Computer Science (GPA 4.0)</i> Relevant Courses: Intro to Java, Data Structures, Computer architecture and organization (MIPS), Fundamentals of Software Engineering	Baltimore, MD <i>Expected May 2023</i>
Wayne State University <i>B.S Biomedical Engineering (GPA 3.5)</i>	Detroit, MI <i>May 2019</i>

TECHNICAL SKILLS

Programming Languages: Java, C#, Python, MATLAB, JavaScript, HTML, CSS
Software Environments: PyCharm, Visual Studio Code, Eclipse, IntelliJ, Unity, GitHub

PROFESSIONAL EXPERIENCE

GE Healthcare <i>Field Engineer</i>	Detroit, MI <i>April 2019 – May 2019</i>
<ul style="list-style-type: none">Diagnosed and repaired a plethora of problems related to digital imaging equipment (DICOM data, Network Config issues, PACS/Worklist Issues, along with mechanical malfunctions), in order to preserve customer satisfactionAssessed client sites and worked directly with senior leadership to identify issues and improve deliverable timelines, conducted advanced analysis, and ensured compliance standards are metMonitored issues with digital imaging equipment, analyzed the risk of identified issues, and worked with engineering and business teams to develop solutions that correct critical issues with minimal impact to business operations	

PROJECTS

OMARISMAIL.NETLIFY.APP: Personal Website <i>E-Portfolio</i>	Detroit, MI <i>May 2021 - Present</i>
<ul style="list-style-type: none">Programmed an e-portfolio that showcases my projects and capabilities using HTML, CSS, and JavaScriptEnhanced website visibility by posting on LinkedIn and hosting on Netlify	

YAHTZEE++ <i>Lead Programmer</i>	Detroit, MI <i>June 2021 – August 2021</i>
<ul style="list-style-type: none">Collaborated with a team using Agile processes and tools to design and implement a network enabled game of Yahtzee which can be played with 1-6 peopleImplemented Frontend using Unity and C# and backend database was handled through FirebaseSpearheaded the user experience (UI) development which brought out our unique interpretation of Yahtzee	

Cross-Disciplinary Global Engineering Program at ZJUT University <i>Study Abroad</i>	Detroit, MI <i>July 2017</i>
<ul style="list-style-type: none">Collectively collaborated with a group of 6 international students on sustainable energy sources, more specifically, improving recycling rate of Lithium-Ion batteriesPresented recycling solution to executives at A123 Systems in China and won 1st place in “most innovative solution addressing energy sustainability”	

LEADERSHIP ACTIVITIES

ReBUILD Detroit (Building Infrastructure Leading to Diversity) <i>Founding Class</i>	Detroit, MI <i>September 2015 – May 2019</i>
<ul style="list-style-type: none">Recipient of Full-Ride ScholarshipConducted literature review and research on building movements leading to ambient noise fluctuations affecting rodent activity; presented findings to building manager and campus-wide symposium	

Biomedical Engineering Society (BMES) <i>VP and Treasurer</i>	Detroit, MI <i>December 2016 – January 2019</i>
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