

Ebrahim Qasem

Test Engineer Intern, Robert Bosch

Inquisitive, energetic computer science student skilled in leadership with a strong foundation in math, programming logic, and cross-platform coding. Seeking to leverage solid development skills with a focus on collaboration, communication, passion, and creativity as a software engineer intern in MAHLE aftermarket, Inc.

Work History

2018-09 - Current	Test Engineer Intern <i>Robert Bosch, Plymouth, MI</i> <ul style="list-style-type: none">Responsible for supporting auto parking system components through vehicle development and dynamometer testingConducting vehicle and dynamometer tests as per engineering specifications, including sensor installation, part installation, and data acquisitionTesting components performance, vibration and harshness as well as system and actuation developmentCreate test cases and test plans to meet specific requirements of the productInvestigation problems experienced during testing and providing recommendations on alternate testing procedures or methods
2019-01 - 2019-05	Computer Science Dept. Assistant <i>Eastern Michigan University, Computer Science Dept., Ypsilanti, MI</i> <ul style="list-style-type: none">Helped students to prepare for classes and projectsHelped professors to grade students' assignmentsDebugged students' programs and helped them for better solutions
2018-01 - 2018-09	Web Support <i>Southfield Wholesale LLC, Detroit, MI</i> <ul style="list-style-type: none">Created website layout/user interfaces by using standard HTML/CSS practicesGathered and refine specifications and requirements based on technical needsCreated and maintained software documentationAssured that all user input is validated before submitting to back-end

Education

2019-01 - 2020-04	Bachelor of Science: Computer Science <i>Eastern Michigan University - Ypsilanti, MI</i> <div><div><ul style="list-style-type: none">Minor: Mathematics,Phi Theta Kappa and Dean's List since 1st semester of college.</div><div><i>GPA 3.7</i> <i>April 2020</i></div></div>
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Projects & Awards

- Vending Machine, using Python.
- Front-End websites, using HTML, CSS, JavaScript.
- Participated and won 1st place for best design in a U of M Hackathon.
- Grow with Google – Udacity Scholarship Recipient.

Personal Info

Phone

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E-mail

eaqasem@gmail.com

GitHub

<https://github.com/EbrahimQasem>

LinkedIn

<https://www.linkedin.com/in/ebrahim-qasem-6843a2105/>

Skills

- Java, Unit Testing
- Data Structures
- Algorithm Implementation
- Software Documentation
- Git, GitHub
- C, C++
- Python
- SQL
- HTML, CSS, JavaScript
- Research

Related Classes and Courses

- COSC 212 - Programming Data Structures
- COSC 221 - Computer Organization I
- COSC 231 - Internet-based Computing
- COSC 314 - Computational Discrete Structures
- COSC 311 - Algorithms and Data Structures
- COSC 341 - Programming Languages
- Math 275 - Discrete Mathematics