Iman Abdul-Rashed

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EDUCATION

UNIVERSITY AT BUFFALO
BS in Computer Science
Expected Jan 2019 | Buffalo, NY
College of Computer Science and Engineering
Cum. GPA: 3.0 / 4.0
Major GPA: 3.5 / 4.0

COURSEWORK

UNDERGRADUATE
Algorithm Analysis and Design
Artificial Intelligence
Computer Organization
Computational Theory
Data Structures in C++
Digital Systems
Functional Programming
Human, Computer Interaction
Operating Systems
Probability and Statistics
RealTime and Embedded Systems
Software Engineering

SKILLS

PROGRAMMING

Proficient:
Python
Java
C++

Familiar:
C • SQL
NoSQL • HTML
CSS • JavaScript
Flask • Selenium
ReST • MongoDB
Android • FireBase
JavaFX • Git

PROJECTS

SOFTWARE
StopBy
- Mobile App built with –
  > Android Studio
  > Google-Maps API
  > FireBase
  > Node.JS

EXPERIENCE

NANOSATELLITE LABORATORY | Software Engineer
Aug 2016 – Sep 2017 | Buffalo, NY
- Conducted Research under Dr. Manoranjan Majji to help find and develop sufficient software to work with our "GLADOS" Nano-Satellite project.
- Leveraged Python, Flask Webframework, Selenium IDE, MongoDB, HTML, CSS, and JavaScript, to send, request, and verify data between the webclient and theoretical Nano-Satellite.

ACV AUCTIONS | IT Engineer, Intern
July 2018 – Sep 2018 | Buffalo, NY
- Worked with Google's "G-Suite" to provide Account administration.
- Collaborated with a team of experienced IT Engineers to integrate new technology; Trouble-shot, Imaged, and deployed PC's; and provided software and technology consultation.
- Wrote various scripts in Python to automate various file-system and API call processes

BAILLIE LUMBER COMPANY | Computer Systems Analyst
Oct 2017 – July 2018 | Hamburg, NY
- Provided Domain User, Network, and Server Administration for both domestic and international vendors, employees, and executives.
- Leveraged Dameware Remote Support, mRemoteNG Server Application, MS Exchange Server, Kaspersky Security Server, and Office 365 Admin tool-suite to help diagnose and solve hardware and software issues effectively and efficiently.

M&T BANK | Executive IT Technical-Support, Intern
May 2017 – Aug 2017 | Amherst, NY
- Provided direct and exclusive technical support for the executives of M&T Bank.

AUTOPLUS AFTERMARKET SERVICES | Finance Specialist I
May 2016 – Sep 2017 | Amherst, NY
- Leveraged SAP Software Systems, Unity OnBase Client Application, and Microsoft Excel to both analyze and process financial records such as Invoices, Checks, Drop-Ships, and Vendor Statements.
- Often leveraged functions in Excel such as pivot-tables and V-Look-ups.

TEACHING

UNIVERSITY AT BUFFALO | Teaching Assistant
Jan 2018 – Present | Amherst, NY
- CSE 111 Quantitative Analysis – under Dr. Andrew Hughes:
  > I was responsible for teaching and reviewing lecture and lab material which primarily was programming concepts and analytic problem solving in Python.

- CSE 331 Algorithm Analysis and Design – under Dr. Atri Rudra:
  > I am the formal "lead" of "Walk-Through" Video design and implementation for Homework assignments.
  > I introduce and teach algorithm analysis and design; Mathematical proof design and techniques; grade and proctor exams.