

LOIY S. HABHAB

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US Citizen

EDUCATION

University of South Florida	Tampa, FL
Bachelor of Science in Computer Engineering	May: 2021
Bachelor of Science in Computer Science	May: 2021
GPA: 3.45	

SKILLS

Programming Languages: Java, C, C++, C#, Python, JavaScript, Verilog, HTML5
IDEs: IntelliJ IDEA, Eclipse, Android Studio, Visual Studio, Unity Engine, Arduino Software
Technologies: Linux, SQL, NoSQL, Redis, Kafka, MQ, Microservices, Spring/Spring-boot, DevOps, Angular, uDeploy, Kubernetes, API's REST/GraphQL

EXPERIENCE

Citi	Tampa, Florida
ICG Technology Analyst – Securities Services	July 2021–Present
<ul style="list-style-type: none">• Develop Event-Driven Microservices to automate multi-asset financial trade processing• Build, deploy, and test application components in a development environment• Work proactively and independently to address project requirements, and articulate issues/challenges with enough lead time to address project delivery risks	
University of South Florida	Tampa, Florida
Research Experience for Undergraduates (REU)	August 2020–June 2021
<ul style="list-style-type: none">• Develop an Autonomous Wheelchair Indoor-Outdoor Navigation System• Landmark-based autonomous navigation using Quick Response code and Global Positioning System• Integrate a Computer Vision algorithm into the wheelchair motion control module	
University of South Florida	Tampa, Florida
Calculus 1 Peer Leader	January 2018–December 2020
<ul style="list-style-type: none">• Mentor a group of 50 freshmen students through Calculus group activity sessions• Monitor and organize the session and cultivate time management skills• Tutor in USF library to help students in need	

PROJECTS

Medication Tracker Android Application	January 2020 –May 2020
<ul style="list-style-type: none">• Course group project based on creating a non-trivial Android application using Java• Medication Tracker Android Application with various functionalities and components including login system, usage of internal and external sensors and database management	
University Student/Advisor System	January 2019 –May 2019
<ul style="list-style-type: none">• Course group project of three students focused on C++ object-oriented programming• Student/Advisor system with multiple features including login system, student access to own information (GPA, degree, advisor, etc.), advisor access to students' information, advisor ability to post advising notes for a student	

HONORS & AWARDS

Flit-Path Cohort A Scholarship	2018-2021
Florida Bright Futures Medallion Scholars	2017-2021
BlueLink Consulting Scholarship	2017-2018