

# JAMES EDWARDS

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## OBJECTIVE

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A recent Cybersecurity graduate seeking a full-time Information Security Analyst position to provide an organization my knowledge and skills in information systems security and gain valuable, professional experience in the field.

## EDUCATION

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### University of Houston

Houston, TX

*M.S. Cybersecurity*

May 2022

❖ Major GPA: 4.00

❖ Specialized in courses focused on Security Operations Center, Data Science, and Secure Software Design

### University of Houston

Houston, TX

*B.S. Computer Information Systems, Minor in Technology Leadership and Innovation Management* May 2020

❖ Major GPA: 3.47

❖ Awarded placement on the University's Dean's List in the College of Technology for five semesters

❖ University of Houston - Association of Information Technology Professionals (AITP) Member, 2018-2020

## RELEVANT COURSEWORK

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- Intrusion Detection & Incident Response
- Security Operations Center
- Cybersecurity Risk Management
- Secure Enterprise Computing
- Advanced Information Systems Development
- Database Administration and Implementation
- Network Security
- Applied Cryptography
- Secure Software Design
- Enterprise Applications Development
- Data Science for Security
- Information Systems Infrastructure and Networks

## SKILLS & ABILITIES

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- **Programming Languages:** Python, Java, Ruby, C++, Bash, PowerShell, HTML, JavaScript, SQL, PHP, and CSS
- **Operating Systems:** Windows 10, Windows 7, Windows Server, Kali Linux, Debian, Linux Mint, Ubuntu, Manjaro, openSUSE, Arch Linux, Chrome OS, and Mac OS X
- **Software & Tools:** Snort, NMap, Burp Suite, Wireshark, Tcpdump, Nikto, Metasploit, Splunk, Security Onion, Elasticsearch, Kibana, Beats, Logstash, CyberChef, IntelliJ, Oracle SQL Developer, SQL Server, Visual Studio, Jupyter Notebook, Microsoft Baseline Security Analyzer, Microsoft Access, VMWare, and Microsoft Project

## PROJECTS

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- ELK Stack Incident Response Lab
  - Ingesting a synthetic malicious dataset into a SIEM to perform log monitoring & analysis, triage alerts, and leverage IOCs for threat hunting. The dataset included packet captures of network traffic, NIDS alerts, and Windows event logs collected and forwarded from agentless endpoints utilizing Sysmon.
- Java Database Application Development for the University of Houston Recreational Center
  - Led a group to develop an Apache Derby database application with a GUI using Scene Builder. The application included functionality for adding, modifying, and removing client accounts for the University of Houston Recreational Center.
- TryHackMe and HackTheBox CTF Labs; Ranked Top 8% on THM: <https://www.tryhackme.com/p/hidamaruhi>
  - Performed penetration tests on insecure Linux and Windows virtual machines to acquire hands-on experience.