

Hunter Ver Helst

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Summary

Driven computer science student with nearly 2 years of professional experience and a passion for cybersecurity. Being the sole developer in a company with a preexisting code base, I have a track record for effectively communicating with a non-technical audience to efficiently solve problems. In addition to my current degree track, I intend to pursue a certificate in cybersecurity from the Florida Institute of Cybersecurity. I am looking for an opportunity to work with a team and learn from others to build my knowledge and experience base.

Relevant Experience

INTERNAL SOFTWARE DEVELOPER | HYPERFORM INC. | JULY 2022 – PRESENT | 20 HRS/WEEK

- Departmental transfer from Gulf Coast Castaway Customs after acquisition, previous duties maintained.
- Write and maintain applications to automate and simplify company operations.
- Initiated overhaul of vulnerable, tightly coupled software and architecture; advocated for and implemented CI/CD and isolated development and production environments.
- Development Stack: C#, SAP Business One, Salesforce, Microsoft SQL Server, Internet Information Services, Azure, Jenkins.

PYTHON DEVELOPER | GULF COAST CASTAWAY CUSTOMS | SEPT 2021 – JULY 2022 | 20 HRS/WEEK

- Promoted from CAD technician (started May 2021) after successfully taking the initiative to update outdated scripts and create new scripts to drastically reduce job completion time.
- Wrote and maintained a C#/IronPython plugin to automate processes in RhinoCAD.
- Mostly independent position with limited direct supervision.

Education

UNIVERSITY OF FLORIDA

COMBINED BS/MS COMPUTER SCIENCE | ELECTRICAL ENGINEERING MINOR

GPA

- Overall – 3.73
- Upper echelon (post 60 credit hours) – 4.0

Expected Graduation

- BS – Fall 2023
- MS – Fall 2024

Relevant Advanced Course Work – Topics Covered

Data Structures and Algorithms – Common data structures (e.g., stacks, heaps, trees, lists); related algorithms (e.g., sorting, random access/searching, graph traversal).

Information and Database Systems – Relational algebra, schema design and normalization, SQL.

Operating Systems – System calls, CPU scheduling, shared resource management, file systems, I/O, memory management, common security vulnerabilities.

Computer Networking Fundamentals – IP model protocols (e.g., HTTP, TCP, IP, DNS, ARP, MAC, DHCP, etc.); related algorithms (reliable data transfer, multiple access, routing, flow control).

Wireless and Mobile Networks – Datalink and physical layer protocols for wireless networking (e.g., MAC, Zigbee, Bluetooth, cellular, RFID); related techniques (e.g., FDD/TDD, OFDM, CDMA, FHSS, etc.).

Microprocessor Applications – GPIO, Timer/Counters, Interrupts, Address decoding, USART, SPI, ADC, DAC, DMA. Lab focused course; concepts applied on physical microprocessor using assembly and C.

Skills & Abilities

- C#/C++/Python
- Jenkins Automation Server
- SQL
- Salesforce REST API
- SAP Business One
- RhinoCAD/AutoCAD
- SolidWorks (CSWA)
- Adobe Illustrator (Certified Associate)