Hans Pistor

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Work Experience

Stetson University   October 2017 – May 2020
Jr. Applications Developer   *Deland, Fl*

> Built and maintained Android application to provide 2FA for students and faculty using TOTP method to interface with main CAS system.
> Built various websites and forms using Java Spring for faculty: Data Entry for admissions, Request forms for future IT tool development
> Generally worked alone but all work was checked into git repo for review

Projects

Chupacabra   Senior Research

> Developed a tool that generates networked Cyber Ranges with a known vulnerability lattice to aid teaching network security. Developed in Prolog & Python

Security Audit   CINF 385

> Audited Stetson's network security, discovering two vectors of attack: exploitable 3rd party camera firmware allowing access to video feed and SQL injection leading to admin access to main WordPress website - used to run teacher and faculty sites.

Space Simulator   CSCI 321

> Built the back-end for a Space Simulator game where players could create planets under various conditions and share them.
> Integrated all the team's code together [Visual, Math, Backend] into the final product in Unreal Engine 4 using a mix of C++ and Blueprints

Education

Stetson University   2016 – 2020
BA Computer Science   *Deland, FL*

Skills

Languages Java, Python, Prolog, Kotlin, Swift, Rust, C++
Frameworks Django, Spring, SwiftUI

Other

Home Lab

> VSphere Homelab for: Storage, Ad blocking, Active Directory, Self Hosting [Plex | Minecraft]

Collegiate Rowing Team   2018 - 2020

> Men's rowing team in University.

IBM Master the Mainframe   2014-2019

> Completed Part 2 of IBM's Master the Mainframe where mainframe technologies such as zOS, JCL, and COBOl are explored each year

ACM Programming Contest Competitor   2016

> Received 2nd place at ACM's South Eastern Regional Programming Contest.