




Hans Pistor

 /hans-pistor
 +1-407-443-5855
 hpistor@stetson.edu

Work Experience

Stetson University

October 2017 – May 2020

Jr. Applications Developer [20 hrs/wk]

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.