Christopher **Gutierrez**

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"The mind is not a vessel to be filled but a fire to be kindled"

Summary

Dedicated degree oriented Computer Science major with an interest in terminal applications and linux systems. I enjoy using neovim for small projects on the Archlinux distro for an enjoyable customizable development environment.

Work Experience

Texas A&M San Antonio
San Antonio, Tx

UNDERGRADUATE SOFTWARE ENGINEER COURSE, RENDEVUAPP\RENDEVU
Aug. 2017 - May 2018

- Merged changes using git as the Version Control System on github for the mobile application under an agile project.

Texas A&M San Antonio
San Antonio, Tx

UNDERGRADUATE RESEARCH FOR COURSE WORK, STOCK DATA AND GOOGLE TRENDS CORRELATION ASSESSMENT
Aug. 2017 - May 2018

- Utilized R and java to pull stock data information and Google search results for the stock names for 423 companies.
- Found significant correlation between companies google search results and their historical stock price.
- Participant in the Senior Research Seminar event hosted by Texas A& M San Antonio.

Texas A&M San Antonio
San Antonio, Tx

IT HELP DESK
Jun. 2017 - May 2018

- Assist Faculty and Staff with hardware and software upgrades and repairs.
- Performed Onsite Audio Visual troubleshooting for Classrooms for AMEX systems.
- Assisted the fulltime technicians with imaging Faculty laptops, open access labs, and classrooms.
- Performed research for full time technicians on otherways to handle userprofiles and access network shares via powershell and bash commands.

Education

Texas A&M –San Antonio
San Antonio, Texas

B.S. IN COMPUTER SCIENCE

Graduate
Aug. 2015 - May. 2018

- Participated in the Student Research seminar presenting senior seminar project, "Stock data and Google trends correlation assessment"
- Utilized R, java, Gtrends API, and the Yahoo Finance API to collect historical stock data and search hits for those stock names. Then wrote a program to plot the data to demonstrate and calculate correlation. For ease of use I had implemented a search mechanism for the data already collected so that I could study the most relevant data.

Programming Languages

C++, C, Java, R
Markup Languages: HTML, Markdown, LaTeX
Scripting: python, bash, powershell

Extracurricular Activities & Interests

ACM (Association for Computing Machinery)

Texas A&M Student Chapter
San Antonio, Texas

MEMBER
Jan. 2018 - May. 2018

- During a Linux training event I pointed out flaws for user policies and was able to obtain admin rights. I suggested implementing restrictions to available user commands and creating a user group for those restrictions for the next event.
- Gained knowledge in hacking & security areas for the internals of operating system based on UNIX.

PERSONAL INTERESTS

- Acquired a basic understanding of reverse engineering through online instructional videos and crackmes available on github using the radare2 debugger-disassembler.
- Maintain a Cups Print server on a Raspberry pi for knowledge sake.
- Primarily use a linux based operating system for development purposes and customizability as a development environment.