Trent Prynn

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Work Experience:

Cyber Incident Response Team (CIRT) Intern   Reston, Virginia
Bechtel Corporation   June 2018 – August 2018
- Security automation work using the **Python** programming language
- Integration with infrastructure as code (**Ansible**), **CRON**, and logging systems
- Data engineering and analysis using **Python2**, **Splunk**, and **NoSQL** databases
- Cyber security incident response and analysis

Student IT Leader   Tucson, Arizona
University of Arizona: Evolutionary Ecology and Biology   May 2017 – Present
- **Leader** and trainer for new student workers
- Tier 1 and 2 triage and support for clients within the department
- Builder and maintainer of departmental automated backup system (**Retrospect**)
- Configuration and maintenance for departmental **Active Directory** organization unit
- **PowerShell** scripting and automation for daily tasks

Undergraduate Research Assistant   Tucson, Arizona
University of Arizona: MUSICA Project   January 2019 – Present
- Researched real time efficient **pattern recognition** and **generation** in music
- Python GUI development for real time interaction with music generation models
- Worked alongside team members on machine learning based music generation
- Version control, continuous integration, and dependency management using **Git**, **GitHub, Jenkins,** and **Anaconda**
- Use of **Python3** and open source libraries such as **PyQt5**, **PyQtGraph**, and **PyGame**

Education:

University of Arizona   August 2016 – May 2020
- Pursuing Bachelor of Science in Computer Science with Honors
- Pursuing minor in Business Administration
- Pursuing minor in Information Science, Technology, and the Arts
- **Current Cumulative GPA of 3.753**

Extracurriculars:
- Computer Science Ambassador   February 2017 – Present
- Car Cats Founder, Governmental Liaison, Secretary   May 2017 – Present
- Dean's List Academic Achievement Award   2017, 2018, 2019

Notable Skills:
- **Java** / **Scala** – Experience programming in both languages and using common build tools such as **Maven** and **SBT** for project dependency management
- **HTML**, **CSS**, **JavaScript**, **NodeJS, SQL** – Understanding of setting up performant front and backend systems for a seamless user experience
- **Homelab** – I maintain a virtual machine host (**VMware ESXi**) that runs various services for my home network. Some of these services include **pfSense**, **Pi-hole, Plex,** and **Duplicati**.