

## TOP SKILLS

**Programming** Java EE , Tasktop Integrations , Python3 , SQL , Scala , Bash Scripts , HTML , GO , C# , .NET , JavaScript , C++  
**Frameworks** Maven , Gradle , Spring , Jenkins , Mako , Tensorflow , Flask  
**Projects** Soap Webservices , Rest Webservices , Machine Learning

## EDUCATION

May 2023 | Virginia Polytechnic Institute and State University, GRADUATE STUDENT, Department of Computer Science  
May 2020 | > GPA : 3.60/4.0  
> Major : Computer Science  
> Advisor : Dr. Daphne Yao  
May 2020 | Virginia Polytechnic Institute and State University, GRADUATE STUDENT, Department of Computer Science  
August 2018 | > GPA : 3.60/4.0  
> Major : Computer Science  
> Advisor : Dr. Daphne Yao  
April 2018 | University of Cincinnati, UNDERGRADUATE STUDENT, College of Engineering And Applied Science  
August 2013 | > GPA : 3.425/4.0  
> Major : Computer Engineering  
> Minor : Computer Science

## PROFESSIONAL EXPERIENCE

Present | Graduate Teaching Assistant, VIRGINIA TECH, Assistantship  
07/31/2020 | > Helped record videos for the lab lectures.  
[Managing Students](#) [Handling Lectures](#) [Detailing and Recording Labs](#)  
07/01/2020 | Researcher, ORACLE, Internship  
05/01/2020 | > Due to Covid the internship was post-poned.  
07/31/2020 | Graduate Research Assistant, VIRGINIA TECH, Assistantship  
07/31/2019 | > Created a live Jupyter notebook for extended documentation on Cryptoguard use.  
[Cryptoguard](#) [Jupyter Notebook](#) [IJava Jupyter Notebook](#) [Gradle Plugin](#) [Maven Plugin](#) [Dockerfile](#)  
07/31/2019 | Software Engineer, WORLDPAY FROM FIS, Internship  
05/03/2019 | > Enhanced multiple Tasktop integrations by making custom JavaScript logic.  
> Improved Terraform scripts to dynamically build Virtual Machines for resources.  
[Hygieia](#) [Tasktop](#) [Github Enterprise](#) [Splunk](#) [Nexus](#) [Jenkins](#) [Terraform](#) [Ansible](#) [Teamforge](#) [Rally](#) [TFS](#)  
[Checkmarx](#) [DataPower](#) [XLDeploy](#) [XLRelease](#) [DevOps](#) [DexVMs](#) [DevSecOps](#) [Bash](#)  
05/03/2019 | Graduate Research Assistant, VIRGINIA TECH, Assistantship  
10/01/2018 | > Worked with an external consumer to create a specific output adapter for their service.  
[Cryptoguard](#) [Research Skills](#) [Independent Work](#) [Soot](#) [Modularization Design](#) [Adapter Design](#) [Abstract Factory](#)  
12/19/2018 | Graduate Teaching Assistant, VIRGINIA TECH, Assistantship  
07/01/2018 | > Helped split the students into anonymized groups for a research study.  
[Managing Students](#) [Grading Reports](#) [Managing Students](#) [Creating Groups](#)  
08/12/2017 | Software Engineer, WORLDPAY FROM FIS, Co-Op Term 4-5  
01/09/2017 | > Fundamentally enhanced a highly utilized SOAP API with an overall average response time < 100 ms.  
[Java EE](#) [JUnit4](#) [Mockito](#) [Leadership](#) [IBM Websphere](#) [Software AG](#) [Webmethods](#) [SOAP](#) [Splunk](#) [DataPower](#)  
[XebiaLabs](#) [XLDeploy](#) [XLRelease](#) [REST](#) [DevOps](#) [SoapUI](#) [SQL](#) [AQT](#) [Design](#) [Postman](#)  
08/2016 | Software Engineer, WORLDPAY FROM FIS, Co-Op Term 3  
05/2016 | > Led an Agile team to design and create a Caching Web Application through Dynamic Server Pages.  
[Java EE](#) [IBM Websphere](#) [Leadership](#) [Webmethods](#) [SOAP](#) [SoapUI](#) [Server Cache Web App](#) [DSP](#) [SQL](#) [AQT](#)  
01/2016 | Software Engineer, WORLDPAY FROM FIS, Co-Op Term 2  
08/2015 | > Created an API Operation to store tiff images for internal client issue management.  
[Software AG](#) [Leadership](#) [Webmethods](#) [SOAP](#) [SoapUI](#) [SQL](#) [AQT](#) [Design](#) [Bash](#)

04/2015 | Software Engineer, **WORLDPAY FROM FIS**, Co-Op Term 1  
01/2015 > Implemented several Bash scripts to track API usage.

[Software AG](#)

[Webmethods](#)

[Bash](#)