

# Charles Scruggs

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## Education

### James Madison University

B.S. IN INDIVIDUALIZED STUDIES - BUSINESS TECHNOLOGY & COMPUTER PROGRAMMING

Harrisonburg, VA

Aug 2015 - May 2021

## Work Experience

### Williams Landscape & Design

LANDSCAPING CREW LEADER

Williamsburg, VA

Dec 2021 - Sep 2022

- Managed a labor crew and materials for landscaping projects in residential and commercial areas
- Interacting with clients to determine their specific needs for a project

### BP

KNOWLEDGE MANAGEMENT ASSOCIATE

Washington, DC

Aug 2019 - Feb 2020

- Supported BP's corporate security strategies through enterprise-level application development for their Intelligence, Security, and Crisis Management teams
- Built front end dashboards with data analysis tools and forms, using HTML, CSS, and JavaScript
- Used Python & other tools to clean & prepare data from silos and 3rd party sources to be merged into a data lake
- Used SQL queries and other SQL tools to access source data and dynamically support a web application (postgresql RDMS)
- Deployed and maintained a security library in a cloud based framework provided by Palantir
- Worked in globally distributed teams of engineers and business/security strategists
- Worked closely with non-technical team members to make sure developing applications supported their workflow
- Managing support tickets, Debugging code, & handling feature requests
- Delivering weekly updates to a growing user base & conducting regular training/feedback sessions.

Washington, D.C.

Oct 2018 - Aug 2019

### CYBER INTELLIGENCE JUNIOR ANALYST

- Supported the Cyber Intelligence & Analysis Unit by integrating cyber threat data & building analytical tools
- Used Python to clean, convert (XML to CSV), and prepare data
- Used HTML, CSS, javascript, & SQL to build tools to visualize this data
- Developed front end analysis tool to map cyber incidents from 3rd party data feeds to open source data sources (OSINT)
- Key contributor in UX/UI design process for analysis tools and forms to support Intelligence workflows

### College of William & Mary, Earl Gregg Swem Library

INFORMATION TECHNOLOGY INTERN

Williamsburg, VA

May 2016 - July 2016

- Worked in a small team to support IT needs of William & Mary library members.
- Wrote Java program to normalize user information and convert it from CSV to XML format

## Skills

### Programming Languages:

- Java
- Python
- HTML
- CSS
- JavaScript, Pyscript, Pyspark

### Technologies :

- JUnit
- Git, GitHub
- Visual Studio, Eclipse
- Linux OS/Ubuntu
- Palantir Foundry tool suite
- Microsoft Power BI, Excel, Teams, PowerPoint
- Tableau

### Database Technologies:

- SQL
- postgresql
- MongoDB
- SQL Server

## Most Relevant Coursework

### Programming:

- Programming (Python)
- Several Java programming courses
- Algorithms and Data Structures (Java)
- Web Design

### Business & Information Technology

- Databases & SQL
- Systems Planning & Analysis
- Network Security
- Visualization Methods for Intel Analysis

### Math

- Calculus I
- Calculus II
- Statistics

## Personal Projects (Java, Python, Web Design)

My Project portfolio: <https://charliescruggs.github.io/portfolio3/>