

Phillip Byrd

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Programming Languages

Java, Python, SQL, PHP, JavaScript, HTML, CSS, C#, Bash

Databases

MongoDB, MySQL

Frameworks

Bootstrap, .NET Core, ReactJS, AngularJS (Learning), Spring Boot (Learning)

Platforms

Salesforce, IBM Cloudant, Zoho CRM, MS Azure, AWS

Tools

MS Visual Studio, IntelliJ, Github, Weka, Neo4J

Language Skills

German (Proficient), Italian (Fundamental), French (Fundamental)

Education

College of Charleston, Charleston, SC
B.S. in Computer Information Systems
Major GPA: 4.00 / 4.00
Cumulative GPA: 3.90 / 4.00

May 2018
Summa Cum Laude

Auburn University, Auburn, AL
B.A. in Political Science

Dec 2013

Experience

Systems Engineering Intern, *Blackbaud*, Charleston, SC

Jan 2018 - May 2018

- Utilized Microsoft .NET Core framework to develop unit tests written in C# for a client-facing web services that integrated with Salesforce
- Increased test coverage of 3 major features from 60% to over 85% and merged over 50 completed unit tests into team Github repository
- Provided project management planning and documentation for deployment of new web services
- Produced over 20 walkthrough videos focusing on environment setup, the unit testing process, and best practice standards to help support new team members with on-boarding

Research Assistant, *C of C Computer Science Department*, Charleston, SC

May 2017 - Apr 2018

- Researched data models and algorithms in the field of applied commercial data sciences coding in Python with the Django framework
- Implemented and tested an algorithm titled "Cascading Action Rules" which uses associative mining techniques to extract action rules from multiple data sets
- Authored research paper for upcoming conferences in the data science domain

Website Administrator, *Southern States Communication Association*, Charleston, SC

Jul 2017 - May 2018

- Maintained HTML and CSS for site web spaces, designed queries for MySQL relational database, and developed communication tools for the SSCA
- Updated information and payment platforms using XML structuring templates to help coordinate group functions throughout the year
- Developed new strategies for site style and content to increase site user accessibility

Projects

Portfolio Website Project with ReactJS + Bootstrap Framework, Collaborative Project

Jul 2018 - present

Associative Data Mining Study of Gun-Related Violence in the U.S., Business Analytics Capstone

Jan - May 2018

Full Stack Java MVC Point of Sales Application, Server-side Programming Course Capstone

Jan - May 2018

Funeral Home CRM Tool with PHP + MySQL Relational Database, Database Concepts Capstone

Aug - Dec 2017