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| Tyler Hooks | [tph1994@gmail.com](mailto:tph1994@gmail.com) |
| 478-299-4259 |
| Swainsboro, GA 30401 |
| <http://ideation.pw> |

**Skills and Expertise**

Proficient in Python and MySQL; experience with processing, sanitizing, and analyzing data using Python modules, including pandas, numpy, and matplotlib; able to design, create, and maintain databases; experience using Microsoft SQL Server and Microsoft Excel for knowledge discovery and data analysis; working knowledge of Transact-SQL, PHP, Java, C++, HTML, CSS, and regular expressions; familiarity with database security practices; familiarity with the SDLC cycle; basic knowledge of C and Intel x64 Assembly; thorough knowledge of Kali Linux suite, Debian, and OS and network virtualization using VMware Workstation Pro and VirtualBox; familiarity with The Sleuth Kit and Autopsy forensics software; experience with building and maintaining server instances on Amazon Web Services; proficient in Microsoft Office suite.

**Experience**

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| **Wise Computer Solutions** | Swainsboro, GA |
| Data Analyst Intern (Summer 2018) | |

* Prepared business intelligence reports and data graphs for clients using Microsoft Access, Microsoft Excel, and Microsoft SQL Server.
* Designed, created, and maintained databases and database applications using Microsoft SQL Server and Microsoft Access.
* Composed SQL queries to read, alter, and analyze databases.
* Used Entity-Relationship Diagrams and SQL queries to identify, troubleshoot, and ameliorate database issues, and provide data integrity and assurance for clients.
* Scraped and parsed various sources of data using Python and wrote scripts to cleanse and organize data, generate graphs, SQL queries, and Excel sheets, and connect to databases.
* Reverse engineered pre-existing databases and procedures in Microsoft SQL Server and created analysis tools and reports based on them.

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| **East Georgia State College** | Swainsboro, GA |
| English and Mathematics Tutor (September 2015 – December 2015) | |

* Interacted with students and worked to assess their individual needs.
* Assisted students in writing, composition, and mathematics – including algebra, calculus, and statistics.
* Applied problem-solving methods and conveyed them to students in an articulate manner.
* Reviewed and corrected documents using Microsoft Office.
* Worked with other tutors to collaboratively evaluate and address student performance.

**Education**

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| **Georgia Southern University College of Engineering and Information Technology** | **Statesboro, GA** |
| Bachelor of Science in Information Technology | December 2018 |
| Specialization in Information Management | GPA: 3.86/4.0 |
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| **East Georgia State College** | **Swainsboro, GA** |
| Associate of Arts in Psychology, Associate of Arts in Sociology | December 2015 |
|  | Summa Cum Laude |
|  | GPA: 3.97/4.0 |

**Honors and Awards**

* President’s List, December 2012 – December 2015; May 2018
* Dean’s Merit List, December 2016 – December 2011
* HOPE Scholarship, Fall 2012 – Spring 2014
* Outstanding Scholar Award, Spring 2018