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| Tyler Hooks | [tph1994@gmail.com](mailto:tph1994@gmail.com) |
| 478-299-4259 |
| Chandler, AZ 85224 |
| <http://ideation.pw> |

**Skills**

**Languages:** Python 3.6 | Java | C# | MySQL | Transact-SQL | PHP | JavaScript | C++ | HTML | CSS | regular expressions

**Tools and Software**: IDLE | Eclipse | Visual Studio | Microsoft Excel | Microsoft SQL Server | Microsoft SQL Server Data Tools | Oracle SQL Developer | Microsoft Access | Putty | WinSCP | Entity-Relationship Diagrams | Microsoft Word | SDLC | phpMyAdmin

**Operating Systems**: Windows 7, 8, 10, and Server | Debian | MacOS | iOS | Kali Linux

**Personal**: Inquisitive | Autodidactic | Meticulous | Tenacious | Analytical

**Experience**

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| **General Motors** | Chandler, AZ | Supervisor: Brid Dower |
| Software Developer |  | (480) 738-7911 |
| 01/2019 – Present |  |  |

* Designed, created, and implemented software in Python, Java, C#, and SQL.
* **Projects**
  + Automated a ticketing system which utilized Selenium Microsoft Exchange Web Services via the exchanglib in Python, which allowed tickets to be automatically generated and submitted through text extractions from emails and provided a more elementary ticket submission process.
  + Worked on an insourcing team instructed to provide an in-house solution to a formerly outsourced data collection agency. Analyzed SQL and Bash files to validate business rules; ran jobs in AutoSys; wrote scripts to automatically connect to databases and generate JIL files for AutoSys jobs; wrote a script to search through code files for specific keywords and index and return lines of code containing those keywords based on relevance.

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| **Wise Computer Solutions** | Swainsboro, GA | Supervisor: Calvin Close |
| Data Analyst Intern (Summer 2018) |  | (478) 289-6607 |
| 05/2018 – 08/2018 |  |  |

* 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 | Supervisor: Leontine Leeder |
| English and Mathematics Tutor |  | (478) 289-2377 |
| 09/2015 – 12/2015 |  |  |

* 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.
* 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 | Magna Cum Laude |
|  | GPA: 3.87/4.0 |
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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 2017
* HOPE Scholarship, Fall 2012 – Spring 2014
* Outstanding Scholar Award, Spring 2018