**Jason Kim**

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<https://github.com/jasonkhs192>

**Education**

**Bachelor of Science - Information Technology – Concentration – System and Security** 2012 - 2017

Georgia Gwinnett College, Lawrenceville, Georgia

**Core Course Completion** - Advanced Programming (Java), Object-Oriented Design, Software Quality Testing,

Database Management Systems, Network Security, Information Security.

**Programming Experience**

**Excel Data Comparison – Python** December 2020 – January 2021

* Migrated thousands of MES data in excel file to different server.
* Used openpyxl module to compare two excel file and find any difference.
* Used xlsxwriter module to create new file that consist correct data or demonstrate data difference.

**Online Game Match History API – Python** October 2020 – November 2020

* Used Riot Games API to create UI program (Tkinter) to provide user’s match data.
* Mapped JSON dictionaries from API to populate desired data.
* Able to maneuver complex mapping from API

**GUI Based Programs – Python** March 2020 – April 2020

* Used tkinter(python interface toolkit) to create menu options linked with shortcuts.
* Used tkinter to create calculator, hangman, notepad, image compiler, etc.
* Convert python script to executable program.

**Personal Websites – Front End** January 2017 – May 2017

* Created personal portfolio and blogs using open-source template.
* Modify HTML, CSS, Bootstrap, Javascript of template to change design.
* https://jasonkim-oldportfolio.netlify.app/
* https://jasonkim-pcwarriors.netlify.app/
* https://jasonkim-chart.netlify.app/

**Volunteer Website – Full Stack** August 2016 – December 2016

* Created login/registration for users.
* Using the XAMPP stack, created an application to manage user service requests and matching them with volunteers.
* Backend programmed with PHP.
* Implemented feature to submit user availability for volunteers.
* Implemented Admin account to manage queues of tickets for users & volunteers.
* Used phpMyAdmin to manage MariaDB.
* Designed table schema involving users, volunteers, and tickets.

**Work Experience**

**SL Alabama LLC – IT Engineer** August 2017 - Today

* Technical support for manufacturing plant and office environment physically and remotely.
* MES, RFID & Barcode tracking system.
* Experienced with Active Domain Controller - Windows Server 2008
* Experienced with Cisco Wireless Controller, Cisco Phone System, Milestone Security Camera.
* Experienced with PC hardware, Networking. – create layouts for cabling and configure switch vlans using putty.
* Applies various IT methodologies for project, development, and service.
* Assist employees with network connectivity, administer local building networks, manage DNS, TCP/IP, DHCP for specific VLANs.
* Managing facility- wireless network, telephone systems
* Ensure IT compliance from HQ (antivirus, license management, cloud system, securing intellectual properties, asset management)

**Concept Software& Service Inc. – Intern** April 2016 – July 2016

* Implemented dynamic tableau reports using Microsoft SQL Server on the back end.
* Transformed raw data to various graphs and dashboards.
* Reviewed Tableau Package Workbook of Tableau reports with developers.
* Learning SQL fundamentals with Microsoft SQL Server and Oracle’s PSQL.
* Created Oracle databases from raw SQL.

**Skills**

* Python- PIP, Django, Tkinter, Pyautogui, Numpy, Pandas
  + API testing using python. Get request and display response. Built GUI program using Tkinter module. Calculator, Image Compressor, API GUI. (Available at GitHub), Pyautogui (Automation based on image detection).
* SQL – Oracle, MySQL
  + Write complex query to manipulate, return dataset. Nested select, nested loop joins.
* HTML, CSS, JavaScript, jQuery
  + Create personal portfolio and blog sites
* Agile, Waterfall, OOP, SDLC
* Pycharm, Github, Cloud9
* Windows, Mac OS, Linux, Microsoft Office Suite
* Languages: English (Fluent), Korean (Fluent)