

Jacob Simonek

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Education:

Bachelor of Arts in Computer Science - Minor: Mathematics 2023
Carthage College, Kenosha, WI. - Cumulative GPA: 3.857 - Magna Cum Laude

Work Experience:

July 2023 to Present - Walworth County, IT Specialist Consultant - Elkhorn, WI

- Responsible for overseeing the deployment of new technologies to employees across all departments in Walworth County including PCs, Laptops, SurfacePro Tablets, Printers, iPhones and Samsung Cell Phones.
- Managed the configuration of user devices using Microsoft Intune and System Center Configuration Manager
- Responsible for providing in-person and remote support to users and updating all tickets in Track-It!
- Responsible for identifying the technical needs of specific departments and communicating with the Information Technology department in order to fulfill the specific needs of each department in the county

January 2023 to July 2023 - RL Canning Inc, Desktop Support Technician - Chicago, IL

- Traveling technician within Chicago Public Schools (CPS) tasked with solving various software and hardware issues for Chromebooks, iPads, MacBooks, Windows Laptop Devices, & Windows Desktop Devices.
- Responsible for performing replacements on various hardware components and requesting replacement parts
- Maintained the software of devices by updating drivers, correcting user error, and reimaging devices
- Responsible for inventory & administration of devices using JAMF and TipWeb (an Oracle database)

April 2021 to Present - Varsity Tutors, Instructor/Private Tutor - Chicago, IL

- Tasked with tutoring students individually in various highschool math and coding courses
- Responsible for maintaining knowledge of subjects: Java, Python, C++/C, Calculus I & II, & Discrete Math
- Responsible for completing invoicing and updating both the parents of the student and personal supervisor with a report of the materials covered during the session
- Assisted students in instant tutoring sessions, without preparation, on individual questions they had

May 2021 to August 2022 - Carthage College, AV Technician - Kenosha, WI

- Tasked with troubleshooting issues related to audio-visual equipment
- Responsible for learning MacOS and Windows projection accessories and replacing necessary cables
- Responsible for updating department on task/ticket completion using Request Tracker (RT)
- Responsible for resetting and resyncing projection equipment in various classrooms

September 2022 to December 2022 - Swimcloud, Intern Developer - Remote

- Tasked with learning various development technologies used by SwimCloud including: nginx, uwsgi, django, electron, git, and mysql.
- Responsible for learning the Swimcloud code base and the existing structure of the web application
- Responsible for completing various tasks and committing work to the production environment
- Programming tasks for applications predominantly completed in ES6 JavaScript

Programming Languages:

Java , C++ , C , C# , Python , SQL , JavaScript , HTML , R , DART, Ruby, Elixir, and CSS

Technologies:

VS Code, RStudio , React.js , Django , nginx , uwsgi , Flutter, Git , MacOS , iOS, Linux, Windows 10, ChromeOS, Unix, Service Now, Request Tracker, JAMF, Microsoft Teams, Google Meets, Zoom, Active Directory, Office 365, Track-It!, Dameware Remote Support, Microsoft Intune, and Software Center Configuration Manager (SCCM)

Projects:

CodeMine (learncodemine.com or codemine.vercel.app)

CodeMine is a full web-application, compatible with both mobile and desktop devices, which strives to teach programming skills to new developers. CodeMine is a learning based platform that is meant to make learning coding skills easy and interactive. The website was designed using React.js with HTML/CSS and JavaScript; CodeMine currently supports learning modules for Java, Ruby, Python, and C++ programming languages.