Jacob Bertish

St. Louis, MO 63146
314.498.1554 | jdb4276@truman.edu

EDUCATION

Truman State University, Kirksville, MO   Cumulative GPA: 3.03 **-- Major GPA: 3.43**
Bachelor of Science in Computer Science / Minor: Graphic Design   May 2020
Relevant Coursework: CS 310, CS 330, CS 430, CS 486

EXPERIENCE

TruScholars Research Program, Truman State University, Kirksville, MO   2018
Undergraduate Research Student; Advisor: Dr. Chetan Jaiswal – Department of Computer Science
- Wrote grant application and awarded funding for research through the TruScholars program
- Constructed a smart parking system using the Internet of Things (IoT), Infrared technology and Raspberry Pi
- Developed an agriculture soil testing tablet with Raspberry Pi and Arduino Uno
- Completed 40 hours a week of testing and problem solving throughout a 12 week period
- Interpreted and analyzed quantitative and qualitative results with Amazon Web Services (AWS) Cloud
- Composed research papers and twice accepted for IEEE UEMCON in New York at Columbia University

Office Depot, St. Louis, MO   2017
Service Department Technician, Sales Associate, Inventory Assistant
- Resolved customer's technological pain points such as failed hard drives, computer crashes, operating system lags, viruses, hardware issues, and cyber security
- Utilized knowledge of present and past technology to sell products
- Completed required inventory counts

Jewish Community Center, St. Louis MO   2014-2016
Instructor, Camp Counselor, Data Entry Specialist
- Sharpened students' baseball skills and helped build team chemistry
- Led and mentored 25 campers for 12 weeks
- Oversaw safety regulations for campers
- Updated and maintained records and data for the center's Senior Olympics

SKILLS

Programming Languages: Ada 95, Python, Java, C, C++, HTML, LaTeX
Operating Systems: Windows (XP, Vista, 7, 8, 8.1, 10), Mac OS, Linux (Ubuntu, Raspbian)
Software: Microsoft Office (Word, Excel, PowerPoint, Publisher), Adobe (Photoshop, Illustrator, Premiere Pro) Pages, Keynote, iMovie, Audacity

ACTIVITIES

Beta Theta Pi, Truman State University   2016-2018
Webmaster, Fraternity Member
- Redesigned chapter website using HTML
- Networked with 124 active members and alumni through intramurals, service, and scholarship
- Completed service hours through date auctions, highway cleanups, Beta Rose Pageant, and Frats at Bat, Volunteer Tutoring

Men's Club Baseball, Truman State University   2016-2018
Treasurer, Team Manager, Catcher
- Coordinated payments that totaled to over $4050 for 18 individuals to ensure financial viability
- Increased and managed overall team attendance
- Analyzed attendance data for potential team performance at games
- Honed data entry for the team
- Marshalled teammates to execute plays precisely and timely