

Alex Karapetkov

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Passionate Computer Science graduate with a strong foundation in software development and hands-on experience in Sharepoint, seeking to leverage my problem-solving and collaboration abilities as a Sharepoint Developer

EDUCATION

Computer Science (B.S.) - James Madison University
President's List, Dean's List

Harrisonburg, VA
May 2024

PROJECTS

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|--|--------------|
| Traveling Salesman Problem | 4/24 - 5/24 |
| <ul style="list-style-type: none">Developed the optimal and approximate solutions with Python for the TSP and presented my findings | |
| RISC-V Processor | 4/24 |
| <ul style="list-style-type: none">Constructed a 32-bit RISC-V processor that supports R-type instructions using Verilog | |
| Virtual Reality Game | 9/23 - 12/23 |
| <ul style="list-style-type: none">Worked with a team to build a VR game using Unity Game Engine and Meta Quest 2 headsets | |
| Command Line Shell | 9/23 - 11/23 |
| <ul style="list-style-type: none">Built a command-line shell with C that operates similarly to the Bash shell on Unix | |
| Dog Meme Creator | 9/21 - 12/21 |
| <ul style="list-style-type: none">Collaborated with a software team and utilized the Scrum framework to create a Java product in 5 weeks | |

WORK EXPERIENCE

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|--|-------------------------|
| James Madison University Recreation Center | Harrisonburg, VA |
| Site Manager | 8/22 - 5/24 |
| <ul style="list-style-type: none">Helped operate all Intramural sports areas, managed officials, and worked with my team to coordinate the program | |

CERTIFICATIONS & SKILLS

Certifications and Training: CompTIA Security+ (in progress), American Red Cross First Aid, CPR, AED
Sharepoint: Experience with creating/managing Sharepoint site, Power Apps, Power Automate, Sharepoint server, SQL server
Programming: Java, Python, HTML 5, CSS, C, Javascript, C#, Ruby, Haskell, Rust, Verilog, JSON
Software: VS Code, GitHub, Linux Command Line, Bootstrap framework, Unity Game Engine, Git, Vivado, Hyper-V
Soft skills: Interpersonal communication, adaptability, collaboration, empathy, problem-solving, customer service
Languages: Bilingual Bulgarian, Intermediate German

LEADERSHIP & INVOLVEMENT

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|---|--------------|
| Member of JMU Delta Phi Epsilon Professional Foreign Service Society | 12/21 - 5/24 |
| Secretary for JMU Asian Student Union | 12/19 - 5/21 |
| Virginia Governor's World Language Academy for German | 6/18 - 7/18 |