

Alex Karapetkov

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EDUCATION

James Madison University - Computer Science (B.S.)

- President's List, Dean's List
 - Minors: Asian Studies, History
 - Expected Graduation: May 2024
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SKILLS

Language Proficiency: Bilingual proficiency in **Bulgarian** and Intermediate Reading, Writing, Speaking, and Listening in **German**

Software:

- Proficient use and navigation of Eclipse, IntelliJ, VS Code, GitHub, Linux command line, Bootstrap framework, Unity Game Engine, Vivado Suite

Programming

- **Intermediate** level Python, HTML 5, CSS, D3 JavaScript library, JavaScript, C, C#, Ruby, Haskell, Rust, Verilog;
Advanced level Java
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PROJECTS

Virtual Reality Game	Sept 2023 - Dec 2023
<ul style="list-style-type: none">• I worked with a team to build a VR game using Unity Game Engine and Meta Quest 2 headset	
GridKid spreadsheet application	Sept 2023 – Dec 2023
<ul style="list-style-type: none">• I designed and implemented my own spreadsheet application using Ruby	
Command-line Shell	Sept 2023 – Nov 2023
<ul style="list-style-type: none">• I built a command-line shell with C that operates in similar manner to the Bash shell on Unix	
Dog Meme Creator	Sept 2021 – Dec 2021
<ul style="list-style-type: none">• I designed and implemented fully functional software with Java that allows users to create dog memes• I collaborated with a software engineering team and utilized Scrum framework to create product in 5-week time frame	
Asteroids Video Game	April 2021
<ul style="list-style-type: none">• I developed a version of the Asteroids video game with Java using abstraction, polymorphism, and inheritance	
Task Planner/Calendar Web Application	Sept 2020 – Dec 2020
<ul style="list-style-type: none">• I produced an interactive web interface that serves as a planner/calendar using JavaScript, HTML 5, and CSS	

LEADERSHIP/INVOLVEMENT

Member of JMU Delta Phi Epsilon Professional Foreign Service Society	Dec 2021 - Present
Secretary for Asian Student Union at JMU	Dec 2019 - May 2021
Virginia Seal of Biliteracy for German	Sept 2018
Virginia Governor's World Language Academy for German	June 2018 - July 2018

WORK EXPERIENCE

University Recreation Center Site Manager	Aug 2022 – Present
<ul style="list-style-type: none">- I help operate all Intramural sport areas in a safe manner, manage officials, work with team to coordinate IM sports	