Zack Khalidov
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OBJECTIVE	Seeking an early career Software Engineering position in the Aerospace industry.
FULL RESUME	zkhalido.github.io/

TEAMWORK SKILLS

• Managed ConexSmart's RAMONA (Responsive And Mobile On-site Assistance) task unit on Sierra Nevada's MC-145B Coyote Multi-Role Strike aircraft for the SOCOM Armed Overwatch Prototypes.

• Consulted for the Air Force and designed a 400GB mobile fiber optic network platform for a DoD subcontractor.

• Developed a Java Virtual Machine written in Python in an Agile team of 7 individuals.

SOFTWARE DEVELOPMENT TOOLS SKILLS

• Experienced in designing and programming applications using Java, Python, and Kotlin

• Set up version control environments using Git and upload them to web frameworks such as GitHub or Gerrit.

• Used the agile development framework SCRUM, as a developer and product owner to design. and implement a Java Virtual Machine.

• Wrote over 1,000 Unit Tests and integrated it with CodeCov.

• Experienced with integrated development environments for Java and Kotlin; using Eclipse and Android Studios to design and execute projects.

PROGRAMING/ ALGORITHM SKILLS

• Developed a scheme to exploit buffer overflow vulnerability on a Linux platform (in a lab environment).

• Wrote and implemented mainstream sorting algorithms (quicksort, bubble sort, insertion sort, merge sort, shell sort) in Java and Python.

• Reviewed over 20 bug reports for Wikipedia's automation library pywikibot.

EDUCATION

Metropolitan State University of Denver
B.S. in Computer Science; Mathematics minor - Aug 2017 to August 2022
B.A. in Philosophy - Aug 2017 to May 2021
GPA: 3.76/4.0; President's Honor Roll for 4 consecutive semesters

REFERENCES   Available on request