Zack Khalidov
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OBJECTIVE

Seeking an early career Software Engineering position.
(Complete Resume Link)

EDUCATION

Metropolitan State University of Denver
B.S. in Computer Science; Mathematics minor - Aug 2017 to December 2022
B.A. in Philosophy - Aug 2017 to May 2021
GPA: 3.7/4.0; President's Honor Roll for 4 consecutive semesters

TEAMWORK SKILLS

• Working in a team of 4 using a modified SCRUM framework to development an End to End Encrypted Messaging Web Application using a MEAN stack (Github.com/ElectronChat)
• Developed a Java Virtual Machine written in Python in an Agile team of 7 (Github.com/GitConfused).
• 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 the Air Force to design a 400GB mobile fiber optic network platform for a DoD subcontractor.

SOFTWARE DEVELOPMENT TOOLS SKILLS

• Experienced in designing and programming applications using Javascipt, Ruby, Java, Python, and Kotlin.
• Experienced in Web Dev frameworks Ruby on Rails, Express.js, and Angular
• 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 written in Python.
• Wrote hundreds of 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.
• Reviewed over 20 bug reports for Wikipedia's automation library pywikibot.

PROGRAMING/ ALGORITHM SKILLS

• Studied dozens of design patterns from Design Patterns by Erich Gamma.
• Implemented a symmetric key encryption algorithm for an Online Messaging application.
• Implemented Prims & Kruskal Algorithms to resolve Minimum Spanning Tree.
• Implemented Dijkstra & Floyd Algorithms to find the shortest paths between nodes in a graph.
• Wrote and implemented sorting algorithms (quicksort, bubble sort, insertion sort, merge sort, shell sort) in Java and Python.

REFERENCES

Available on request