ZACHARY HOPKINS

66 W. 8th Ave, Apt. D2, Columbus, OH 43201, (216)-402-1706, hopkins.zd@gmail.com

Education

The Ohio State University, Columbus, OH   December 2018
B.S. in Business Administration, Information Systems   Major GPA: 3.65

WORK EXPERIENCE

HealthEdge Software, Inc., Powell, Ohio   **May 2018 - Aug 2018**
Engineering Intern
- Implemented a Java Rest API and AngularJS frontend to upload, edit, and view Health Insurance Benefits PDFs.
- Worked on stabilizing nightly test runs by debugging and fixing tech debt in the regression test suite.

Corporal, U.S. Marine Corps, Camp Lejeune, North Carolina   **Dec 2012 - Dec 2016**
Manager, Company Armory   Aug 2015 - Oct 2016
- Managed junior Marines to oversee $30 million in government equipment with zero loss
- Designed and implemented new standards for maintenance and storage, raising 3rd party evaluated standards for company by 125%

Coordinator, Fire Support Coordination Center   Nov 2014 - Oct 2016
- Supervised and coordinated 12 teams with multiple firing agencies, yielding zero safety issues
- Trained South Korean Marines, improving cross-national relations and efficiency between militaries

Assistant Team Leader, 81mm Mortar Squad   May 2013 - Nov 2014
- Operated 81mm Mortar at seven times baseline speed
- Deployed in support of Operation Enduring Freedom
- Operated a two-man security detail assisting the training of foreign nationals without incident

Awards
- Good Conduct Medal, Certificate of Commendation, Afghanistan Campaign Medal, Korea Defense Service Medal

Skills

Languages   **Proficient:** Java, SQL   **Familiar:** JavaScript, HTML/CSS, COBOL
Technologies   SVN, GIT, AngularJS, Protractor, Maven, Ant, MySql, SQL Server, OracleDB, Linux, XML

Projects

Halite II AI Challenge
- Created a Java bot for Two Sigma's artificial intelligence programming competition.
    - Achieved top 4% (Ranked 231/5832).
    - https://github.com/hopkinzd/Halite-2

Shortest Flight Path
- Created a tool that implements Dijkstra's Algorithm by importing a node graph and determining both shortest path distance and path of nodes from desired start node to all other nodes in the graph.

Polish Notation Calculator
- Wrote a program that utilizes recursion and a binary expression tree to receive expressions in post and prefix notation and output solved equations in post, in, or prefix notation.