Shaun Lester (Skip)
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Work Experience

Software Engineer II – Product Development at F5 Networks   April 2018 – May 2019

- Helped design configuration interface to the Traffic Management Microkernel
- Helped adapt build system from older technologies to newer ones, leveraging CI/CD pipelining

Software Engineer I – Product Development at F5 Networks   September 2016 – April 2018

- Enhanced and maintained cluster and virtualization daemons used in BIG-IP: clusterd, vcmpd
- Responsible for increased stability of clustered hardware platforms offered by F5
- Implemented Dual-stack support for the mgmt interface of any chassis BIG-IP with 14.0.0: https://support.f5.com/csp/article/K12430

Intern – Technical – Product Development at F5 Networks   January 2016 – September 2016

- Performed log analysis and visualization: extract, transform, plot using BASH, SQL, python, and R
- Identified and debugged emerging issues in clustering software
- Used SQL and Tableau to draft drill downs which sensibly present results of automated testing

Teacher's Assistant – University of Washington Bothell Math Dept.   Fall 2014 – Winter 2015

- Graded Calculus III & IV, Linear Algebra, Diff Eq for Professor Abian and Barchechat

Mathematics Tutor – Seattle Central Community College   2012-2013

Infantryman – United States Marine Corps   2005-2009

Education

Bachelor of Science – University of Washington   Spring 2016

Mathematics

- Calculus IV, Differential Equations, Linear Algebra, Statistics and Probability
- Discrete Modelling, Numerical Analysis, Linear Programming, Non-linear Optimization
- Abstract Algebra: Groups, Rings, Fields, Lattices. Isomorphisms, RS Encoding, Galois theory

Computer Science & Software Engineering

- Hardware and Organization, Operating Systems, Databases, Networks, Cryptography
- Data Structures, Algorithms, Bioinformatics, 3D Computer Graphics, Technical Writing

Associates of Science – Seattle Central Community College   Spring 2013

Technologies and Platforms

- C, C++, Python, Java, C#, BASH, SQL, 68K
- UNIX, vim, git, Perforce, R, MATLAB, Mathematica, Tableau, $\LaTeX$

Projects

3DES-Java   HMAC-Python   Critical Path Analysis-Python   4-wide Bare-metal k8s-Cluster

Research Experience

RSAConference Security Scholar   2016

Monochromatic Triangles in a Three-Color Plane – with Dr. Casey Mann   Winter 2014

Implemented a recursive backtracking algorithm in Java in order to answer the question:
"Does any 3-colored plane admit a monochromatic equilateral triangle?"