

Shaun Lester (Skip)  
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## Work Experience

Software Engineer II – Product Development at F5 Networks September 2016 – May 2019

- Designed configuration interfaces to the Traffic Management Microkernel
- Adapted build systems from older technologies to newer ones, leveraging CI/CD pipelining
- 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 Barchecat

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,  $\text{\LaTeX}$

## 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?”