EYAL KALDERON SOFTWARE ENGINEER

SUMMARY

Passionate and innovative software engineer and founder of several popular open source projects. Highly goal driven and self-motivated. Excellent communicator and community mediator. Specializes in systems programming, high-performance backend Web services, and distributed systems.

CONTACT

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EDUCATION

George Mason University
B.S. Computer Science 2021

SKILLS

PROFICIENCIES
Software Development
Systems Programming
Distributed Systems
Embedded Programming
Open Source Software

PROGRAMMING LANGUAGES
Rust
C
C++
Java
SQL
Bash
Python
HTML/CSS

TECHNOLOGIES
Git
Docker
Kubernetes
ArgoCD
Google Cloud Platform
Prometheus
Arduino

OPERATING SYSTEMS
Linux
Windows
NixOS

EMPLOYMENT

TenX   Singapore
Software Engineer   Mar. 2018 to Current
Developing and documenting the TenX platform using test-driven development and agile programming methodologies. Built continuous delivery pipelines for deploying Rust and TypeScript services to Kubernetes clusters. Participating in code and security reviews and implementing industry best practices. Identifying technical requirements and producing estimates.

Kajeet   McLean, VA
Programming Intern   May 2016 to Aug. 2017
Rewrote, documented, and maintained multi-threaded packet filtering and metering software developed in C with POSIX 2008 extensions. Worked with Subversion, CentOS Linux, and Netsweeper filtering software. Assisted with various IT tasks alongside network administrator, troubleshooting user errors.

George Mason University   Fairfax, VA
IT Security Intern   Jan. 2016 to May 2016
Identified suspicious or compromised systems present on the campus WAN. Monitored the network for threats and suspicious activity using Symantec Endpoint Security, HP ArcSight Logger, and FireEye. Trained alongside the campus security team and cataloged threats in the BMC Service Desk Express ticketing system.

Kajeet   McLean, VA
Engineering Intern   Jan. 2015 to July 2015
Developed an internal network documentation database application in Microsoft Access. Trained alongside network administrator, maintaining several RHEL, CentOS, and Windows servers and workstations. Generated database reports for colleagues as needed. Compiled and benchmarked embedded network router software running on OpenWrt, collaborating with Kryptowire engineers.

OTB Contracting   Manassas, VA
Programmer   July 2013 to Aug. 2013
Developed ladder logic PLC software using DirectSOFT 6 for a pneumatic volume meter intended for road construction purposes. Worked for 5 weeks from July to August 13, and worked part-time on weekends during high school.

PROJECTS

tower-lsp (github.com/ebkalderon/tower-lsp)   Aug. 2019 to Current
Server framework implementing the Language Server Protocol (LSP) written in Rust. Enables rapid development of language servers compatible with many popular code editors and IDEs, such as Visual Studio Code, WebStorm, Vim, and Emacs.

Amethyst Engine (amethyst.rs)   Dec. 2015 to Jan. 2019
General purpose data-driven game engine written in Rust, distributed under the terms of both the MIT License and the Apache License v2.

PushBuddy (github.com/Veryyes/PushBuddy)   Feb. 2016 to Feb. 2016
Universal file syncing desktop client for multiple cloud services written in Java. Currently works with Dropbox, expandable to many others. Team-submitted project won 2nd place at VT Hacks III.

AWARDS

Major League Hacking · Second Place Winner - VT Hacks III   Feb. 2016
Placed 2nd out of 54 teams in the third Virginia Tech Hackathon. Awarded for the creation and presentation of PushBuddy.

ACTIVITIES

Mason Linux Users Group · Member   Feb. 2016 to Feb. 2019
Mason LUG is a vehicle for curious students to learn about Linux and free software in a social setting, create and contribute to free software projects, and advocate for the use of Linux and free software on campus.

GMU Patriot Hackers · Member   Feb. 2016 to Feb. 2019
Patriot Hackers is a student-run cyber security group based in George Mason's Fairfax campus. We strive to teach cyber security concepts and help students develop industry grade skills. This includes weekly meetings and labs where we team up with Mason LUG.

Student-Run Computing and Technology · Member   Feb. 2016 to Feb. 2019
Student-Run Computing and Technology (SRCT, pronounced "circuit") is a group which seeks to enhance student computing at Mason. SRCT focuses on establishing and maintaining systems which would provide specific services to the general Mason community.