Brandon Ibbotson

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www.byxor.xyz

Overview

Skills	Test-Driven Development, Agile, Git
Primary Languages	Go, Python, Kotlin, JavaScript (ES6/ES7), Java, C, C++
Extra Languages	Haskell, x86, x64, LIMP, UnityScript, Ruby, Clojure, Prolog

Experience

Arista Networks (Dublin) - Software Engineering Intern

June 2017 - June 2018

Wrote/Tested/Deployed TACC & C++ on high-performance switches around the world. Maintained Arista EOS Operating System working exclusively in CLI. Interacted with switch hardware.

Technologies: TACC, C++, C, SSH, Perforce

Instil Software (Belfast) - Software Engineering Intern

July 2016 - September 2016

Full Stack Developer. Built REST API & Email Service with Kotlin. Increased test coverage by ~15% in first month. Maintained AngularJS frontend. Received first-class training on TDD and Refactoring.

Technologies: Kotlin, AngularJS, DropWizard, PostgreSQL, Swagger

Projects

LIMP - Functional Programming Language Interpreter with 99% Test Coverage. Supports anonymous functions, objects, collections, strings, recursion, immutability, scoped constants, and a small standard library. (github)
Technologies: Python3.6

Entua - Android/iOS IoT app. Program smart devices within the Home. Go WebSocket backend. React Native frontend. (proprietary, no source)
Technologies: Go, ES6, React Native, Redux

byxor.xyz - Personal website. (github)
Technologies: Angular 5, TypeScript

Passflip - A lightweight SHA224-based password manager. Installable via pip. (github)
Technologies: Python

Slimput - Faster standard input scanners for Java. (github)
Technologies: Java

Kapoki - A multi-language skeleton generator for new projects. (github)
Technologies: Bash, C++, Python

See more projects at www.byxor.xyz/projects

Education

Dublin City University, Ireland

September 2015 - June 2019

BSc. Computational Problem Solving & Software Development

www.github.com/byxor   www.stackoverflow.com/users/5601284   www.byxor.xyz

This CV was rendered with **Python** & LaTeX (www.github.com/byxor/cv).