Brandon Ibbotson

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Ballymena, Co. Antrim

Overview

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

Experience

2.1 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. Worked exclusively in CLI over SSH. Interacted with switch hardware to toggle various features.

Technologies*: TACC, C++, C, Perforce*

2.2 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 with 99% Test Coverage. Interpreter supports anonymous functions, objects, collections, strings, recursion, immutability, scoped constants, and a small standard library. Comes with a REPL. (github)
Technologies*: Python3.6*

Entua - Android/iOS IoT app to configure events on smart devices within the Home. React-Native frontend. Go WebSocket backend. Raspberry Pi Hub. (proprietary, no source)
Technologies*: Go, ES6, React-Native, Redux*

byxor.xyz - Personal website. Hosts my programming blog and small interactive demos. (github)
Technologies*: Angular 5, TypeScript*

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

Slimput - Faster 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 `byxor.xyz/projects`

Education

Dublin City University, Ireland: *September 2015 - June 2019*

BSc. Computational Problem Solving & Software Development

Find out more at `www.cpssd.net`

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

This CV was rendered with **Python** & LATEX (`https://www.github.com/byxor/cv`).