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

Instil Software (Belfast) - Software Engineering Intern

July 2016 - September 2016

Full Stack Developer for a Time Tracking Tool. Built REST API & Email Service with Kotlin. Increased test coverage by ~15% in first month. Maintained AngularJS frontend. Received first-class training on Test-Driven Development and Refactoring.

Technologies: Kotlin, AngularJS, DropWizard, PostgreSQL, Swagger

Arista Networks (Dublin) - Software Engineering Intern

June 2017 - June 2018

Wrote & tested C++ deployed on high-performance switches around the world. Worked exclusively in command-line environments using SSH, Tmux & Emacs.

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

Projects

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

Entua - Android/iOS IoT app. Go Web-Socket backend. Android/iOs frontend with React Native & Redux.

byxor.xyz (github) - My personal website.

Passflip (github) - A lightweight SHA224-based password manager.

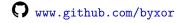**Slimput** (github) - A faster way of scanning standard input for Java.

Kapoki (github) - A multi-language skeleton generator for new projects.

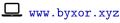**Thought** (github) - A compiler/tool to encourage articulated, exploratory, disciplined thinking.

DecayQueueJs (github) - A JavaScript Data Structure that removes old elements automatically.

See more projects at www.byxor.xyz/projects

Education

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