

Brandon Ibbotson

brandon.ibbotson2@mail.dcu.ie
www.byxor.xyz

Overview

Skills

Test-Driven Development, Agile Development, 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 - Functional Programming Language Interpreter with 98% Test Coverage. Supports anonymous functions, objects, collections, strings, recursion, immutability, scoped constants. Has a small standard library. Written in Python 3.6.

Website at byxor.xyz - A website built using Angular 5. Can be seen at <http://www.byxor.xyz>

Passflip - A lightweight SHA224-based password manager.

Slimput - A faster way of scanning standard input for Java.

Kapoki - A multi-language skeleton generator for new projects.


Thought - A compiler/tool to encourage articulated, exploratory, disciplined thinking.

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

See more projects at www.byxor.xyz/projects

Education

 www.github.com/byxor

 www.stackoverflow.com/users/5601284

 www.byxor.xyz