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BRIAN WANG

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SKILLS

C++ · C · JavaScript · ReactJS
NodeJS · ExpressJS · HTML · CSS
Ruby · LATEX · Bash · Jmeter
Git · Apiary · Dredd · Racket

EDUCATION

University of Waterloo
Bachelors of Computer Science
Waterloo, ON
Sept 2014 – Present

COURSEWORK

Data Structures & Algorithms
Combinatorics and Graph Theory
Operating Systems
User Interfaces

EXPERIENCE

TeeSpring
Software Engineering Intern | San Francisco, CA   Sept – Dec 2016
- Added a DOM layer to the t-shirt web composer, restricting t-shirt design to a bounded area, decreasing the t-shirt misprint rate by 15%
- Implemented background removing functionality by contrasting pixels, allowing users to delete backgrounds within a varying color proximity
- Improved editing functionality by adding reflection, duplication, and layering, giving users a wider array of tools to edit images

Solink Corp
Software Engineering Intern | Ottawa, ON   Jan – Apr 2016
- Created API services which retrieved video snapshots, camera info, etc, using NodeJS with ExpressJS framework
- Co-produced Checkin, an internal debugging tool which grabs and parses vital NAS info together
- Improved information clarity by adding graphs and statistics to display peak hours for monetary transactions and human movement

Promocatalyst
Software Engineering Intern | Ottawa, ON   May – Aug 2015
- Designed and reconstructed the landing page using HTML slim, CSS, and JavaScript with Bootstrap framework
- Created item sales and checkout page to streamline products ordering process
- Kept code functional and maintainable through Jasmine unit tests

PROJECTS

League of Legends Laning Estimator   Mar 2016
Program that analyzes your chances of winning lane versus an opponent based on match history. Ruby and Riot Game's API.

Practice Twitter   Jan 2016
Mock version of Twitter with full authentication and login framework, users, and microposts. Implemented an extensive test suite alongside development to insure project integrity. Ruby on Rails.

Dungeon Escape   Nov 2015
RPG where the player battles monsters and tries to escape alive. C++ and Javascript.

Twilive   Jan 2015
Website which uses Twitter's streaming API to graphically analyze a user chosen key-word. JavaScript, JSON and CanvasJS.