

BRIAN MCGOUGH

SOFTWARE DEVELOPER

Summary

Software development teaching assistant and developer on contract looking for roles that provide technical growth opportunities

Projects

Switchboard: <https://github.com/bgergen/EBB>

- Full-stack pair-programming development tool built in team of three over three weeks
- Worked heavily on backend structure, user-to-user interaction
- Explored Docker, Angular Material, Sockets
- Presentation: <http://www.fullstackacademy.com/final-projects/switchboard>

2048: <https://github.com/bpmcgough/2048>

- Sole developer of UI and game engine for 2048 clone
- Created various AI and system for vetting strategy
- Hackathon project

Gene Machine: <https://github.com/iclany/gene-machine>

- Full-stack e-commerce website built from scratch in team of three over 1.5 weeks
- Worked heavily on administrative access and capabilities, models, product page, design
- Used Passport, Bootstrap, MEAN stack

Randomization Talk: <http://www.fullstackacademy.com/tech-talks/randomization>

A short discussion of the problems inherent in random number generation, as well as some of the methodologies behind pseudo-random number generators

Employment

Fullstack Academy of Code

Teaching Fellow & Software Developer

- Assist students with debugging code during workshops, answer related questions
- Resolve SCRUM tickets on proprietary learning site built on MEAN stack
- Conduct technical interviews for prospective students

New York, New York

May 2016 to Current

Monsoon Gym

Brazilian Jiu Jitsu Instructor

- Constructed curriculum and taught daily Brazilian Jiu Jitsu classes

Ko Tao, Thailand

May 2015 to Aug 2015

Wonderland Daechi

English Teacher

- Instructed elementary school students on various aspects of English
- Taught various subjects such as science and mathematics
- Ensured safety and enjoyment of 50+ students

Seoul, Korea

Feb 2014 to Mar 2015

Insight Global

Technical Recruiter

- Hired and managed software developers, network/systems administrators, and other IT workers
- Screened candidates primarily via phone in order to assess technical skillset
- Highest weekly 'average candidate submittals' out of 20+ recruiters in first quarter of employment

Baltimore, MD

Jul 2013 to Jan 2014

Activities

University of Maryland Mixed Martial Arts Club · President and Founder

- Managed club activities and taught three weekly classes to over 30 active members
- Presided over seven-member board of officers

Jan 2012 to Jun 2013

University of Maryland Language House · Spanish Apartment Leader

- Developed Spanish fluency in immersive environment

Sep 2011 to Jun 2013

Education

Fullstack Academy of Code

Immersive 13-week software development program focusing on MEAN stack

University of Maryland, College Park

B.A. Political Science 2013

Contact

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Skills

CORE COMPETENCIES

Javascript

Mongoose

MongoDB

Express

Angular

Node

HTML5

CSS

Bootstrap

jQuery

Git

Ruby

Regex

Swig

SQL

Sequelize

PostGRES

PERIPHERAL COMPETENCIES

Sockets

Passport

Mocha

Chai

Jasmine

Karma

COMPETENCIES IN PROGRESS

Canvas

Ruby on Rails

React

React-native

Awards

Tessel Hackathon · First Prize (Nerd Feeder)

Crafted functional automated cereal dispenser out of microprocessor and SERVO's in two hours