

BRIAN MCGOUGH

SOFTWARE DEVELOPER

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Skills

CORE COMPETENCIES

Javascript
Mongoose
MongoDB
Express
Angular
Node
HTML5
CSS
Bootstrap
jQuery
Git
Ruby
Regex
Swig
SQL
Sequelize
PostGRES
React

PERIPHERAL COMPETENCIES

Sockets
Passport
Mocha
Chai
Jasmine
Karma
React Native

COMPETENCIES IN PROGRESS

Canvas
Ruby on Rails

Projects

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

- Pair-programming 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>

Friendzone: <https://josephwilliams.github.io/friendzone/>

- React app coupled with Firebase
- Designed to allow groups of friends to track winners of competition
- Currently working on state management and data visualization
- <https://github.com/josephwilliams/friendzone>

Gene Machine: <https://github.com/icclany/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

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

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

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

Rehash Studios	Remote
Software Engineer	Sep 2016 to Current
<ul style="list-style-type: none">• Resolve SCRUM tickets for www.homelister.com project• Site built on MEAN stack using Jade• Reconfigured large Angular forms to increase performance; periodic autosave of listing information	
Fullstack Academy of Code	New York, New York
Teaching Fellow & Software Developer	Feb 2016 to Sep 2016
<ul style="list-style-type: none">• Assisted 52 students with debugging code during workshops, answered related questions• Resolved SCRUM tickets on proprietary learning site built on MEAN stack• Conducted technical interviews for prospective students• Mentored team of six students and various project teams throughout program• Lead technical interview training	
Wonderland Daechi	Seoul, Korea
English Teacher	Feb 2014 to Feb 2016
<ul style="list-style-type: none">• Instructed elementary school students on various aspects of English• Taught various subjects such as science and mathematics• Ensured safety and enjoyment of 50+ students	
Insight Global	Baltimore, MD
Technical Recruiter	Jul 2013 to Jan 2014
<ul style="list-style-type: none">• 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	

Activities

Kolkata, India · Volunteer	May 2015 to Jun 2015
<ul style="list-style-type: none">• Worked in The Mother House clinic providing basic medical care• Taught Brazilian Jiu Jitsu classes at 360 Degree MMA and other schools	
University of Maryland Mixed Martial Arts Club · President and Founder	Jan 2012 to Jun 2013
<ul style="list-style-type: none">• Managed club activities and taught three weekly classes to over 30 active members• Presided over seven-member board of officers	
University of Maryland Language House · Spanish Apartment Leader	Sep 2011 to Jun 2013
<ul style="list-style-type: none">• Developed Spanish fluency in immersive environment	

Education

University of Maryland, College Park
B.A. Political Science 2013

Fullstack Academy
Finished in top of class of 17-week immersive development program, awarded fellowship