BRIDGET LANE

http://bridgetlane.com | blane3@masonlive.gmu.edu

PERSONAL STATEMENT

I am looking for a position that highlights my critical thinking and leadership skills, allows room for advancement, and provides flexibility as I pursue a higher degree.

TECHNOLOGIES & DISCIPLINES

LANGUAGES: C++, C, Java, Python, Ruby, JavaScript, HTML, CSS, x86 Assembly

FRAMEWORKS/TOOLKITS: Chef, Git, CocoonJS, Phaser, FLTK, OpenGL, Foundation

TECHNOLOGIES: Amazon Web Services, Jenkins, Scalr, Microsoft Office, Visual Studio, Adobe Creative Suite 6 Design Standard, Wordpress, Blogger, Tumblr

EXPERIENCE

PAAS DELIVERY INTERN GANNETT & USA TODAY
JUNE 2015 – PRESENT **TYSONS CORNER, VA**

Helps maintain a cloud-based platform focused on automation and continuous integration by automating tasks using Chef, Python and utilizing tools such as Jenkins, AWS, and Scalr.

UNDERGRADUATE TEACHING ASSISTANT GEORGE MASON UNIVERSITY
AUGUST 2014 – MAY 2015 **FAIRFAX, VA**

Assisted classes in the Computer Science Department. Worked in labs by answering student questions and helping facilitate quizzes. Monitored and answered student questions on Piazza.

EDUCATION

B.S./ACCELERATED M.S., **COMPUTER SCIENCE**
GEORGE MASON UNIVERISTY
FALL 2012 – SPRING 2016 **FAIRFAX, VA**

Major GPA: 3.56, Cumulative GPA: 3.46

Relevant school projects:

- *JAVASCRIPT, PHASER* Designed 12 games in 15 weeks: 2 analog and 10 digital[1]
- *C++, FLTK, OPENGL* Basic graphics and animation editing software[2]
- *JAVA* "TripleStore" database of 3-attribute objects. Supports indexed searching with efficient memory usage[3]

Topics included data structures, object-oriented programming, graphics, and game design.

PROJECTS

GITHUB.COM/BRIDGETLANE
QUAD GAME – APP[4]   *JAVASCRIPT, PHASER, COCOONJS*
APRIL 2015

Single or multi-player puzzle game app released on both Google Play and iTunes.

PATRIOT 2048[5]   *JAVASCRIPT, HTML, CSS*
MAY 2014

Patriot-themed implementation of the popular web game 2048.

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[1] Games and links to game code at: https://bridgetnlane.wordpress.com/2015/05/18/my-semester-of-games-overviewed/
[2] Code at: https://github.com/bridgetlane/Graphics-Editor
[3] Code at: https://github.com/bridgetlane/TripleStore
[4] Code available upon request
[5] Code at: https://github.com/bridgetlane/patriot-2048/tree/gh-pages

THE FORCE[6]   *PYTHON, JAVASCRIPT, HTML, CSS*
APRIL 2014

CS 101 Best Project prize winner. Website that controls an iRobot Create from anywhere in the world by sending commands to a laptop sitting on top of the robot.

SPOTTAG[7]   *SIMPLY.JS API, JAVASCRIPT*
MARCH 2014

Pebble prize winner at HackNC 2014, a 24-hour hackathon at UNC Chapel Hill. Pebble watch app that allows the user to tag their current location, and find it again by displaying their current location relative to their last tag.

LEADERSHIP | I've held multiple leadership roles while at George Mason. Some of my positions include, but are not limited to**, Editor-in-Chief** and **Layout Editor** of *The Freshman Focus* in the Office of Student Media, **Senator** and **Undersecretary for Campus Health and Human Safety** in Student Government, member of the **Off-Campus Council Lead Team**, **Secretary** and **Graphic Designer** for the Israel Student Association, **Graphic Designer** for Hillel, and **NASA INSPIRE OLC Advisor** for NASA Education Projects.

HONORS |
Dean's List	5 semesters
Completed The Leadership Institute's Youth Leadership School	July 2014
VSE GMU Dean's Scholarship Award for Outstanding Undergraduate Students	Fall 2013
SPIE Optics and Photonics Education Scholarship	2012-2013
Completed NASA VASTS Program, Achieving 1st round pick for advancement (GPA: 3.82)	2012

REFERENCES | **DR. BRIAN MARK**, PROFESSOR, ELECTRICAL AND COMPUTER ENGINEERING
GEORGE MASON UNIVERSITY

703-993-4069 | bmark@gmu.edu

DR. ZORAN DURIC, ASSOCIATE PROFESSOR, COMPUTER SCIENCE
GEORGE MASON UNIVERSITY

703-993-1717 | zduric@gmu.edu

DR. MARK SNYDER, TERM ASSISTANT PROFESSOR, COMPUTER SCIENCE
GEORGE MASON UNIVERSITY

703-993-5624 | msnyde14@gmu.edu

TESTIMONIALS | **MATT OGLESBY**, INSTRUCTOR, ENGLISH COMPOSITION
GEORGE MASON UNIVERSITY

"How Bridget manages to find the time and energy to pursue numerous extracurricular activities, as well as perform the duties of her various achievements, while remaining an extremely intelligent and energetic student – always open to new ideas, not to mention very polite and well-mannered – well, frankly that is beyond me. But if your organization is looking for a serious and intelligent candidate with a record of achievement and almost precocious motivation, Bridget is clearly an excellent choice."

ROSS DIAMOND, EXECUTIVE DIRECTOR, HILLEL
GEORGE MASON UNIVERSITY

"Passionate, dynamic, and reliable."

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[6] Code at: https://github.com/bridgetlane/the-force
[7] Code at: https://github.com/srct/spottag