Kevin Markley

Software Engineer

EXPERIENCE

Head Graduate Teaching Assistant
Kennesaw State University – Marietta, GA | August 2018 – Current

- ◆ Taught through a focused and interactive approach which allowed students to explore and fully grasp programming concepts.
- ◆ Created and managed concise deliverables for two classes that tested student competencies across a multitude of subjects.
- ◆ Personally taught over 300 students every semester, and offered additional research and mentorship opportunities for students.
- ◆ Effectively coordinated and represented a team of seven graduate students, which together helped teach all of the 1,500 students enrolled in the two supervised courses each semester.

Performance Engineer
The Weather Channel – Brookhaven, GA | June 2016 – May 2017

- ◆ Used AWS and open source software to build an internationally based Web performance testing system with configurable options.
- ◆ Delivered graphical test reports via the Internet by utilizing Perl and Bash commands.
- ◆ Created performance testing software using bash, Java and JavaScript to run local tests, which reduced expenditure on AWS.
- ◆ Helped create the standard for TestRail test cases and several hundred cases, which are still in use today.
- ◆ Mentored newer employees and interns and fostered a social atmosphere between teams.
- ◆ Worked in an Agile development environment and consistently finished tasks ahead of estimated time with my team.

RESEARCH

Kennesaw State University, Marietta, GA

"Multi-Agent Artificial Intelligence in Pursuit Strategies: Breaking through the Stalemate."
D. Michael Franklin, Kevin L. Markley - FLAIRS Conference 2014.

EDUCATION

Kennesaw State University, Marietta, GA

Masters of Computer Science, Expected May 2019
Bachelors of Computer Game Design and Development, 2016
Awards: CDC HHS Game Jam 2014 – Semi-Finalist

LINKS

My Webpage

SKILLS

PROGRAMMING
C/C++
C#
JavaScript
Java
Python
PHP
SQL
HTML
CUDA
Assembly
WebGL, OpenGL
Bash

SOFTWARE
JIRA
Unity
Amazon Web Services
TestRail and Jenkins
Tsung/JMeter
JQuery/React
Visual Studio
Microsoft Office Suite
Windows and macOS

COURSEWORK

UNDERGRADUATE
Application Extensions and Scripting
Artificial Intelligence
Operating Systems
Database Systems
Data Modeling and Simulation
Software Testing and QA
User Centered Design

GRADUATE
Graphics and Multimedia
Artificial Intelligence
Machine Vision
Real Time Systems
Parallel and Distributed Computing