

# Shawn Phillips

## Contact Info

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404-281-0001

## Code Samples

github.com/radEdward

## Skills

Java (Eclipse, NetBeans)  
Javascript, HTML, CSS  
Basic SQL  
VBA  
Excel  
OOP Principles  
FORTRAN  
Applied Math  
Problem Solving  
Organization  
Attention to Detail  
Team Work

## Education

Kennesaw State University (2016)  
BSc Physics and Mathematics  
3.46 overall GPA

Georgia Perimeter College (2013)

## Extra-Curricular Activities

President of KSU Society of Physics  
Students from 2014 to 2016

Member of national honor societies  
for Physics and Mathematics (Sigma  
Pi Sigma and Pi Mu Epsilon)

Research Assistant for Materials  
Science Project. Started an ongoing  
undergraduate research study to  
prepare students for graduate  
school.

Research Assistant for Mathematical  
Biology Study. Computationally  
analyzed equations to determine if  
they made an effective model of  
heart disease.

## Programming Projects

- **Board Game Web Application (vtt.netlify.com)**  
Wrote an application that displays a large board with interactive game pieces on a monitor/television. The application takes a map image uploaded by the user, and allows the user to place, and manipulate, image icons that represent game pieces on that map. Written in Javascript, HTML and CSS.
- **Java Swing Applications**  
Created three small projects using Swing. These projects were: a four function calculator, a game board that was later rewritten as a web application, and an application that uses the Apache Derby API to query a SQL table for board game data.
- **Applied Optics and Propagation**  
Worked under limited guidance to create a numerical simulation using FORTRAN in Ubuntu. The simulation emulated a laser travelling through space, as well as the results of the laser colliding with solid matter.
- **Academic Projects**  
Several opportunities to employ programming arose from course work in college. Some examples were: automating measuring devices in labs, determining behaviors of complicated physical systems, verifying mathematical patterns, and the completion of two courses dedicated to programming techniques.

## Work Experience

- **Data Management and Analysis (December 2017 – Ongoing)**  
Currently, I am working as a Data Specialist for a blood banking company. My team and I work to identify inefficiencies and reduce time spent in manufacturing, and ensure the integrity of scientific data. I've also spent time writing VBA scripts to pull data from several disjoint data tables.
- **Physics and Mathematics Tutoring (December 2014 – December 2016)**  
During my last two years in college, I worked as an academic tutor for my university. I regularly assisted other students in all available undergraduate math and physics courses, attended frequent meetings concerning teaching strategies or service goals, and established a great working relationship with many students.
- **Customer Service (Intermittently 2008 – 2017)**  
For several years, I was employed in various restaurants as a server, trainer, food expeditor, and host. I spent an accumulated 6 years in the industry. My responsibilities included handling every aspect of the customers experience, staying focused and organized in a dynamic environment, and training new employees in standard operating procedures.