JOEL KOVALCSON

1211 Hollow Ridge Lane, Knoxville TN 37931 | (678) 243-9067

joelkovalcson@gmail.com

Efficient and driven Computer Science graduate from the University of Tennessee Knoxville with an insatiable curiosity and desire to acquire and apply knowledge while solving real world problems. Quick learner who has started developing a foundation in solid communication and team leadership skills through working with other students in a mentorship and teaching capacity. Interested in working as a professional where there is creative problem solving.

EXPERIENCE

AUGUST 2019 – MAY 2020

GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF TENNESSEE

Research focused on program comprehension of developers in a virtual environment. Necessary skills included:

- Resourcefulness in finding information
- Creative thinking
- Analysis and critical thinking of topics

AUGUST 2019 – DECEMBER 2019

TEACHING ASSISTANT, UNIVERSITY OF TENNESSEE

Assisted in teaching a software engineering course focused on projects and presentations. Responsibilities included:

- Active involvement in classroom instruction
- Grading projects and presentations
- Holding office hours to answer student questions

AUGUST 2017 – DECEMBER 2017

SUPPLEMENTAL INSTRUCTOR, PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE

Held optional sessions for a course that students could attend. Course content was introductory computer science. Responsibilities included:

- Lesson planning
- Creating and implementing activities promoting group involvement
- Active involvement in classroom discussion
- Assisted students with test preparation and group problem solving

JANUARY 2017 – MAY 2017, AUGUST 2017 – DECEMBER 2017

TUTOR, PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE

Assisted students in understanding material and provided guidance in the right direction when students were stuck. Topics tutored included introduction to computer science, basic data structures, and computer organization and assembly.

EDUCATION

BACHELORS IN COMPUTER SCIENCE, MAY 2019. THE UNIVERSITY OF TENNESSEE, KNOXVILLE

Maintained a 3.78 GPA for all courses taken at UT.

FULL-STACK WEB DEVELOPMENT CERTIFICATION, IN PROGRESS. VANDERBILT UNIVERSITY

SKILLS AND INTERESTS

- Programming Languages
  - C#
  - C
  - C++
  - Java
  - Javascript
  - HTML/CSS
- Tools And Technologies
  - git
  - Visual Studio
  - SQL/NoSQL
  - jQuery
  - MERN Stack
  - PWAs
  - RESTful APIs
  - Bootstrap
  - Express.js

- Favorite Course Topics
  - Data Structures
  - System Calls
  - Object Oriented Programming
  - Asynchronous Programming
  - Parallel Programming

ACTIVITIES

During my time as a student I worked on the creation of a Turing machine simulator in Java via an Independent Study in collaboration with another student. In my own time I also created a software suite in C# that had a public interface through Discord, had a backend based in a mySQL server instance, and obtained information from multiple public APIs. Dabbled in various smaller projects in a variety of languages such as Lua, Python, C#.