


# MASON PROTSMAN

## SOFTWARE ENGINEER

### CONTACT

 404-731-6991

 [masonprotsman@gmail.com](mailto:masonprotsman@gmail.com)

 [masonprotsman.github.io](https://masonprotsman.github.io)

### EDUCATION

The University of Georgia

BS Computer Science, Data Science Certificate

December 21, 2020, 3.31 Cumulative

### SKILLS

JAVA

JAVASCRIPT

TYPESCRIPT

PYTHON

C#

REACT.JS

NODE.JS

MYSQL

VBA

### EXPERIENCE

#### Software Engineer Intern

Georgia Power Company, Shared Service Support, Summer 2017-2019

- WORKED IN APPLICATION TESTING, DEBUGGING, AND DOCUMENTATION.
- DEVELOPED APPLICATIONS IN C# AND VBA.
- CREATED VBA PROGRAM TO EXTRACT 1,000,000+ EXCEL ENTRIES AND CALCULATE DOLLARS SPENT PER INVOICE NUMBER.
- WROTE C# CONSTRUCTORS AND FUNCTIONS FOR SEVERAL ACCOUNTING APPS.
- WORKED WITH A TEAM OF SOFTWARE ENGINEERS TO CONVERT EXISTING VBA ACCOUNTING APPLICATIONS INTO C#.
- IMPLEMENTED MYSQL SECURITY DATABASE FOR 30+ APPLICATIONS.

### PROJECTS

2017-2021

- DEVELOPED MY [PERSONAL WEBSITE](#) IN HTML, CSS, BOOTSTRAP AND JAVASCRIPT.
- CREATED A [3D GAME](#) USING JAVASCRIPT, THREEJS AND WEBGL.
- CREATED MOVIE TICKET SITE USING HTML, CSS, BOOTSTRAP, MYSQL AND AGILE SCRUM METHODOLOGY.
- C# .NET [NUMBER GUESSER](#) APPLICATION
- IMPLEMENTED A [GUI INTERFACE](#) UTILIZING ITUNES API. DISPLAYS ALBUM ARTWORK RELATED TO TEXT INPUT.
- WROTE PYTHON PROGRAM FOR LYFT DATA CHALLENGE 2019. VISUALIZES RIDE DATA BASED ON MULTIPLE KEY VARIABLES.
- CREATED GUI BLACKJACK AND REVERSI GAME IN JAVA.
- IMPLEMENTED A PYTHON [TRACEROUTE PROGRAM](#).
- CREATED [UNIX SHELL REPLICATOR](#) USING C++.

### FRAMEWORKS AND TOOLS

HTML

CSS

Angular

BOOTSTRAP

THREEJS

WEBGL

AMAZON WEB SERVICE

[GITHUB](#)

.NET

AGILE DEVELOPMENT

- PERSONAL WEBISTE BUILT IN REACT.JS & NODE.JS LAUNCHING SOON
- GROCERY SHOPPING WEBSITE BUILT IN ANGULAR LAUNCHING SOON