MASON PROTSMAN
SOFTWARE ENGINEER

CONTACT

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EDUCATION

The University of Georgia

BS Computer Science, Data Science Certificate

December 21, 2020, 3.31 Cumulative

SKILLS

JAVA

JAVASCRIPT

PYTHON

C#

REACT.JS

NODE.JS

MYSQL

VBA

FRAMEWORKS AND TOOLS

HTML

CSS

BOOTSTRAP

THREEJS

WEBGL

AMAZON WEB SERVICE

GITHUB

.NET

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++.

AGILE DEVELOPMENT	• PERSONAL WEBISTE BUILT IN REACT.JS & NODE.JS LAUNCHING SOON