SEAN BROWN
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EDUCATION

University Of Maryland College Park (UMD), College Park, Maryland   May 2020
Bachelor of Science, Computer Science, Data Science

SKILLS

Languages: Python, SQL, HTML, CSS, Java, Javascript,C#,GO
Frameworks: Proficient: Flask, Python, Exposed Node.js, Express.js, Anaconda Frameworks
Tools: MongoDB, Tableau, SQL Developer, Splunk

EXPERIENCE

Security Engineer, Cruise Automation, San Francisco   May 2018-Present
- Built Threat modeling tool to capture any malicious activity on company network
- Wrote company off boarding script and web interface

Platform Engineer, Division of IT UMD College Park, Maryland   June 2017-Present

- Created data visualizations with Tableau, table transformations in SQL and CGI scripting in perl.
- Developing IOS application that allows employers in the Division of IT to keep track of new hires.

Lead Web Developer, Augmented Reality Club, UMD, College Park Maryland   November 2016-Present

- Built Website using React, node and other javascript libraries, to showcase projects, accolades.
- Created online text editor using atom, for 3D modeling.
- Developed AR application using Unity, and Babylonjs.

Software Engineer, Silent Cyber, Glen Burnie, Maryland   June 2016-August 2016

- Built a web application using Ruby On Rails to show manufacturers the data from the exploits.
- Gathered data such as trouble code from cars as well as exploit control systems of the car.

TECHNICAL PROJECTS

Leading Crane   April 2017
- Used data on investment advisors from Finra's data analytics competition to determine the competency of the advisors (Won competition)
- Applied machine learning techniques such as unsupervised learning and clustering

FireNotice   Nov 2016
- Built a web application using Flask, Ruby, and heroku that takes data from the EPA on fires around the world and displays them on a globe using WebGL.
- If the user is in a area with fires or smog from fires they can us our application to find the nearest hospital.

LEADERSHIP EXPERIENCE

Co-Director EqualsEquals Hackathon   Present

- EqualsEquals is a new kind of hackathon meant to introduce and expose underrepresented minorities to careers in technology and technology entrepreneurship. (https://equalsequalshackathon.github.io)