

JUSTIN BROWN

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Summary

Skilled Software Engineer with a strong background in programming and mathematics. Experienced in exploratory data analysis, building machine learning models, and evaluating through various metrics. Motivated to collaborate with team members and optimize systems to meet specifications. Proficient in presenting data/concepts clearly and creatively.

Skills

- Numpy, Pandas
- Scikit-Learn, Keras
- Tensorflow, Pytorch
- Matplotlib, Seaborn
- Python
- MatLab
- C++ / Java
- HTML/CSS
- Git version control
- Unix
- Jupyter Notebooks
- SQL

Experience

Software Developer **08/2018 to 03/2020**
FSU Program in Neuroscience (Vincis Lab) **Tallahassee, FL**

- Utilized MATLAB and Python to program neuroscience software for controlling experiments.
- Implemented deep learning models to estimate pupil dilation, reduced the need for other costly methods for collecting neural activity.
- Worked with Principle Investigator to plan, code, and present projects from start to finish.
- Modified lab website to update profiles and implement different API's.

Building Manager Trainee **12/2017 to 07/2018**
FSU Oglesby Union Guest Services **Tallahassee, FL**

- Assisted with organization and setup for union reservations and FSU ballroom events.

Certifications

- **IBM AI Engineering Professional** **2020**
- **Advanced Machine Learning and Signal Processing** **2020**
- **Python Data Structures** **2020**

Education

Computer Science, Physics, Mathematics **2015-2019**
Florida State University **Tallahassee, FL**

High School Diploma **2015**
Suncoast Community High School **Riviera Beach, FL**

- Completed professional development of Android Applications in Java

Extracurricular Activities

FSU Cell and Molecular Biology Graduate Student Association **April 2020**

- Developed and Led presentation: "Intro to Neural Networks: Machine Learning with Python".
- Explained process of a neural network and demonstrated the A.I. using a self-developed game.

Kaggle **2020**

- Submitted machine learning solutions to complex data science projects.

TechNole **2017 to 2018**

- Competed in MLH (Major League Hacking) competitions at FSU and Georgia Tech.