EVAN FRANKLIN WOODS

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Education

Bachelor's Degree in Computer Engineering	**December 2018**
Clemson University	*C*lemson, SC
University Transfer Program (54 Credits)	**May 2015**
Trident Technical College	North Charleston, SC

Work Experience

Johnson & Johnson — January 2022 – March 2022
Full Stack software developer with a focus on UI development
Programmer — Mount Pleasant, SC

- Integrated C# APIs to pull data from a SQL database into an aesthetic and intuitive Angular frontend website
- Developed Angular components, services, and templates to visualize transactions, invoices, and billing statements
- Formatted websites with CSS and Angular to meet the business needs and requirements
- Tested APIs using Postman to validate mutual authentication, debug error codes, view response payloads, and ensure quality

Boeing — May 2019 – June 2021
Full Stack software developer with a focus on Hyperledger Fabric blockchain development
Programmer/Analyst — North Charleston, SC

- Created Java Spring Boot REST APIs to Create, Read, Update, and Delete airline components in an SQL database
- Illustrated API potential by developing Swagger documentation for new APIs
- Developed Angular components, services, and templates to visualize airline parts, 3D printer file transactions, and invoices
- Formatted websites with CSS and Angular to match a design illustrated by a UI/UX designer
- Tested APIs using Postman to validate mutual authentication, debug error codes, view response payloads, and ensure quality
- Created CI/CD deployment scripts to containerize applications with Docker and automate deployments to the PCF cloud
- Documented development of projects though Gitlab to allow for ease of use and continued support by new developers

IBM — May 2018 – August 2018
Watson academic cloud software developer and presenter of Watson academic cloud services
Watson Cloud Academy Intern — Durham, NC

- Developed teaching-assistant-chatbots using Watson services to explain academic concepts to students
- Presented applications of the Watson Visual Recognition Service and Watson Studio at a Duke University workshop
- Researched the use of the Watson Visual Recognition Service to detect the levels of dehydration in ornamental plants

Clemson Computing & Information Technology Support Center — August 2015 – August 2016
Computing hardware and software student support center for Clemson University
Student Consultant — Clemson, SC

- Assisted students and faculty with downloading and installing a variety of software programs
- Backup sensitive faculty and student data
- Replace and install laptop hardware components

Relevant Coursework

Clemson University Future Computing Laboratory Neural Networks Research

- Developed artificial networks to recognize 35 different types of tissue as cancerous with accuracies up to 95%
- Designed Shell Scripts to automate the creation of neural networks
- Tested the response in accuracy from increasing the number of hidden layers in the neural network

Mind-Controlled 3-D Printing Creative Inquiry

- Designed Software to control 3D printer motors with an EMOTIV EPOC+ EEG headset
- Researched possible solutions for signal transmission from the EEG to the printer
- Collaborated with a team to define our material specifications and to outline the functional parameters of our goal

Technical Skills

Proficiencies: JavaScript | Python | Java | C | REST API | Docker | Shell Automation | Cloud Environments | Microsoft Office | Unix

Personal Interests

Camping | Hiking | Fishing | Running | Nutrition | Parks | Family Vacations | Artificial Intelligence | Machine Learning | Cats | Dogs