

# GiveBlaiseAnInterview.com

Blaise Willoughby, Software/ Fullstack Engineer

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## EXPERIENCE

### **Bell Flight, Fort Worth Texas — Software Engineer**

July 2020 - PRESENT

Programming/ troubleshooting a software testing module for the AH-1Z and UH-1Y helicopter's flight computers, primarily using C#/ Microsoft Access on the back end and LabView on the front end. Once completed, the new testing module will take the total software/ hardware testing procedure of flight computers from ~2800 man hours to ~300 hours, allowing software updates to be tested and deployed much faster to existing aircraft in the field.

### **Bell Flight, Fort Worth Texas — Software Engineering Intern**

May 2019 - August 2019

Developed Matlab scripts to interact with Bell's flight simulation tools, perform maneuvers in flight, and perform numerical analysis on the sensor data/ control laws governing the fly-by-wire system on the Bell 360 Invictus.

## EDUCATION

### **Southern Illinois University of Edwardsville, B.S. Mechatronics and Robotics Engineering 3.5GPA**

August 2016 - May 2020

Computer Engineering and Mathematics Minors.

### **Udemy.com (educational courses website)**

- The Web Developer Bootcamp 2021
- The Modern React Bootcamp (Hooks, Context, NextJS, Router)
- JavaScript Algorithms and Data Structures Masterclass

### **University of Texas at Arlington 3.75 GPA**

May 2020 - January 2021

- Design & Analysis of Algorithms (Graduate Level)
- Data Analysis & Modeling Techniques (Graduate Level)
- Operating Systems (Undergraduate Level)

## SKILLS

Javascript, React, Full Stack Development, Express, MongoDB, C# Python, REST, Node.js

## PROJECTS

GiveBlaiseAnInterview.com is a website I created to showcase a basic understanding of all the skills I've been studying recently.