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LIAM BESSELL

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OBJECTIVE

I am a junior computer science student seeking a software engineering internship for the summer of 2020.

EDUCATION

Texas A&M University	College Station, TX	Fall 2017 – May 2021 (Expected)
<ul style="list-style-type: none">• B.S. in Computer Science, GPA: 4.0/4.0• Relevant Coursework: Software Engineering Studio, Introduction to Computer Systems, Data Structures and Algorithms, Programming Languages, Computer Organization		

EXPERIENCE

Johns Hopkins University		
Applied Physics Laboratory	Software Engineer, Intern	Summer 2019
<ul style="list-style-type: none">• Implemented an automated tool in Python to run changed code committed in Git through a static code analyzer.• Created a mobile web application using JavaScript for the Front-End and Python for the Back-End that displays live information about planes being picked up by an antenna and shows their position on a map.• Collaborated with a team to process plane data and utilize data science algorithms in Python to classify aircraft.		
Texas A&M University	Teaching Assistant	Fall 2018
<ul style="list-style-type: none">• Taught new engineering students the basics of programming in Python.		

PROJECTS

- **Modern Computer Simulation, Spring 2019.** Created a simulated computer using Python and HDL, from logic gates through a VM code translator, as part of a class project.
- **Autonomous Arduino Robot, Spring 2018.** Led a programming team in the design and implementation of a C++ program to allow a robot to independently navigate through a series of obstacles as part of a class project.

LANGUAGES AND TECHNOLOGIES

Languages

- Competent: C++, Python
- Experience: Bash, C#, Java, JavaScript, HTML, CSS, MATLAB, Haskell

Technologies

- Competent: Git, Windows, Linux
- Experience: Unity, Visual Studio, Jupyter

AWARDS AND HONORS

- **USAA Industrial Affiliate Program Scholarship Recipient, Fall 2019**
- **Engineering Honors, Fall 2017 - Present**
- **Dean's List, Spring 2019**
- **Second Prize, tamuhack Smartcar API, January 2019:** Awarded 2nd prize in the Smartcar API category at a hackathon. Developed an Android App utilizing the Smartcar API to interact with a user's vehicle.
- **MSC Fall Leadership Conference Director of Operations, Summer 2018**
- **Eagle Scout, Fall 2016**