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## LIAM BESSELL

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### EDUCATION

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<b>Texas A&amp;M University</b>	<b>College Station, TX</b>	<b>Fall 2017 – May 2021 (Expected)</b>
<ul style="list-style-type: none"><li>• B.S. in Computer Science, GPA: 3.9</li><li>• Relevant Coursework: Computer Graphics, Analysis of Algorithms, AI, Software Engineering Studio, Introduction to Computer Systems, Data Structures and Algorithms, Programming Languages, Computer Organization</li></ul>		

### EXPERIENCE

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<b>Johns Hopkins University</b>		
<b>Applied Physics Laboratory</b>	<b>Software Engineer, Intern</b>	<b>Summer 2019</b>
<ul style="list-style-type: none"><li>• Implemented an automated tool in Python to run changed code committed in Git through a static code analyzer.</li><li>• 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.</li><li>• Collaborated with a team to process plane data and utilize data science algorithms in Python to classify aircraft.</li></ul>		
<b>Texas A&amp;M University</b>	<b>Teaching Assistant</b>	<b>Fall 2018</b>
<ul style="list-style-type: none"><li>• Taught new engineering students the basics of programming in Python.</li></ul>		

### PROJECTS

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- **Random Constructed Language Generator, Spring 2020 – Present:** Led a team of programmers in the Aggie Coding Club with another project manager to develop a Python program that can generate constructed languages.
- **All-in-one Ecommerce Website, Fall 2019:** Worked in a team to create a website that displayed search results from multiple ecommerce websites (eBay, Craigslist, and Newegg) at once.
- **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.

### LANGUAGES AND TECHNOLOGIES

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**Languages**

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

**Technologies**

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

### AWARDS AND HONORS

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- **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**
- **MSC Fall Leadership Conference Director of Operations, Summer 2018**
- **Eagle Scout, Fall 2016**