**Bryceson Laing**

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**Professional Summary**

Self-motivated, hard-working undergraduate student in Computer Engineering with a broad knowledge of programming languages. Successful completion of research, personal, and team projects demonstrate skills in software engineering and computer systems.

**Skills**

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| **From Supporting Coursework**   * Software Development * Data Structures and Algorithms * Computer and Microcomputer Systems * Digital Systems Design * Computer Architecture * Digital Integrated Circuit Design using MOS, bipolar technologies, and computer aided simulation | **Languages**   * Python, Java, JavaScript, C++, React Native, HTML, PHP, Verilog, and MATLAB   **Other**   * Microsoft Office and Google Drive * Critical thinking and problem solving * Teamwork * Communication * Organization |

**Education**

Bachelor of Science: Computer Engineering May 2021

Texas A&M University College Station, TX

GPA: 3.173

**Work History**

Undergraduate Researcher May 2019 - Current

Embedded Signal Processing Laboratory College Station, TX

* Utilized IMU and BLE data from a smartwatch to perform online change detection and aid in data collection for activity classifiers.
* Tested many different change detection algorithms in Python utilizing NumPy and Pandas.
* Developed original change detection algorithm based on accelerometer, gyroscope, and Bluetooth smartwatch data.
* Implemented change detection algorithm on Android smartwatch to detect and log when the wearer has changed activities.

App Developer Mar 2018 - Current

College Cove College Station, TX

* Co-created an application that revolves around a centralized marketplace for selling student sporting tickets.
* Encountered 750+ users during Fall 2019.
* Programmed using React Native in order to deploy to iOS and Android.
* Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements.

Engineering Peer Mentor Apr 2018 - May 2019

Texas A&M University College Station, TX

* Mentored freshman students through their transition from high school to college.
* Assisted the College of Engineering with over 10 events concerning representation and diversity.
* Led activities that developed freshman students' physical, emotional and social growth.