Brian J. Jordan

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Education

Duke University – Durham, North Carolina   **Class of 2020**
- Bachelor of Science in Engineering: Electrical and Computer Engineering   GPA: 3.4 / 4.0
- Bachelor of Science: Computer Science
- Relevant Courses: Data Structures and Algorithms; Computer Architecture; Computer Networks and Applications; Human Computer Interaction; Control Systems; Microelectronic Devices and Circuits; Intro to Signals and Systems; Fundamentals of Electrical and Computer Engineering; Computational Methods in Engineering

The Landon School - Bethesda, Maryland   **Class of 2016**
- President's Award for Educational Excellence   GPA: 95.72 / 100.00
- National Cum Laude Society Member Class of 2016

Business Experience

Lockheed Martin Corporation   **2018**
College Student Tech Sr
- Worked as a Systems Engineering Intern on the Jupiter Program, part of Lockheed Martin Space. The team is producing a commercial 4G LTE satellite system for emergency and maritime communication.
- Developed scripts using a combination of Bash, TCL, and Expect to automate the initialization of Physical Channel Processor (PCP) Modems which are embedded Linux systems used in the product to modulate and demodulate transmitted communication signals. This transformed the time and personnel intensive manual process into an efficient and completely automated program.
- Developed a microservice using Node JS and HTML for the Operations and Maintenance Console (OMC) which is a web-based user interface used to manage the Satellite Access Controller (SAC) components of the system. Worked on a team with three other software developers.

LEAD Camp   **2017**
Counselor
- Taught leadership and entrepreneurship through lessons and group activities; led exercises and games that promoted athletic development.

Projects

Integrated Design Challenge   **2017**
- Focused on the hardware integration of sensors for a group robot challenge completed using 5 BOE Bots designed with a variety of sensors as well as communication capability for transmitting data.

Rush iOS Mobile Application   **2017**
- Part of the new member education process for Catalyst which involved working with a group of three other students to develop an app to help with the organization of student groups on campus.

Leadership and Extracurricular Experience

Catalyst   **2017-2018**
Member
- Selected as a member of Duke's social and pre-professional tech organization. The group organizes tutorial workshops, sponsors guest speakers, and hosts networking and social events.

Duke Undergraduate Admissions   **2017-2018**
Ambassador
- Selected by the undergraduate admissions department to assist prospective students in exploring Duke through guiding tours, leading campus programs, and other events.

Skills: Java, C, Matlab, MIPS, Bash, TCL, Expect, Node JS, HTML, Arduino, Linux, Latex
Interests: Software Development, Program Management, TED Talks, Fitness, Music