Justin K.Wu

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Career Objective

To obtain an engineering internship, preferably in hardware and software integration that will enable me to further develop my technical problem solving and analytical skill.

Education

University of Central Florida, Orlando, FL   Expected May 2020
Bachelor of Science in Computer Engineering;
GPA: 3.552 / 4.00

Professional Experience

Lockheed Martin, Orlando, FL   May 2018 - Present
College Work Experience Program at Lockheed Martin - System's Engineer Intern
- Install, configure, and maintain various hardware and operating systems.
- Develop functional test plans used to test specific requirements.
- Run test procedures on integrated systems while collecting critical benchmark data.
- Develop algorithms to analyze data and present through Excel or PowerPoint.
- Supporting and troubleshooting integration test activities; documenting resolutions and findings.
- Trained co-works in various work-related task.
- Organize and direct weekly status meetings.

Academic Project Experience

University of Central Florida – Senior Design   August 2019 – Present
- Collaborated with a diverse team of students from various engineering disciplines to develop a capstone project.
- Lead weekly status meetings. Plan project workflow using Trello

University of Central Florida – Knights Come Together (Web and Mobile App)   May 2019 – August 2019
- Successfully planned and collaborated with a diverse group of computer scientist to program an event manager for UCF clubs and students.
- Utilized Google Firebase, Android Studio, and various program management tools to complete our group project.

University of Central Florida – Ultrasonic Senor   Jan 2019 – May 2019
- Developed an ultrasonic sensor that could range the distance of an object.
- Utilized EAGLES software to develop a Printed Circuit Board.
- Programmed firmware for MSP430.

University of Central Florida Great Navel Orange Race   Mar 2017 – April 2017
- Designed, developed and tested an aquatic autonomous vessel that could transport an orange across a body of water.
- Programmed a MSP430 microcontroller to control vessel along predetermined course.

Honors and Leadership

- Theta Tau Professional Engineering Fraternity - Community Service Chair
- Selected for a National Science Foundation (NSF) sponsored STEM scholarship program

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Skill and Competencies

Software	Android Studio, Discord, Eagles, Google Firebase, MATLAB, MERN stack, Multisim, Slack, Skype, Solidworks, Xilinix
Programing	C, Java, JavaScript, MIPS Assembly, Verilog
Platform	Microsoft Windows, Linux
Hardware/Electronic	Soldering, MSP430
Microsoft Office	Excel, Word, Outlook, PowerPoint
Language	English and Chinese: Cantonese