

Austin Jones

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SUMMARY

- Junior Electrical Engineering student seeking an Internship to expand engineering experience. Thorough and efficient worker that works well in a team setting.

EDUCATION

UNIVERSITY OF TENNESSEE
Major: Electrical Engineering
Overall GPA: 4.00/4.00

Knoxville, Tennessee
Anticipated Graduation: May 2021

WORK EXPERIENCE

Siemens Molecular Imaging: Knoxville, TN

PET/CT/MRI Scanner development

Position: Electrical R&D Intern

January 2019 - Present

- Main project: Developed a Functional Test for proprietary hardware:
 - ❑ Made low level changes to DUT firmware and embedded software
 - ❑ Test program, supporting libraries, and GUI written in C#
 - ❑ Formal Documentation for all the hardware and software changes
- Streamlined engineers' workflow: developed debugging and document handling tools
- Ran tests on hardware: Investigations on hardware with field failures

Engineering Professional Practice Office

UTK Office

Position: Ambassador

May 2019 - Present

- Assist students to strengthen elevator speeches, resumes, and interview skills
- Work with other Ambassadors to conduct events: e.g. Engineering Expo

SKILLS

- Languages: Python, C, C++, C#, Bash, and VHDL
- Operating Systems: Linux (CLI and GUI) and MacOS
- Working knowledge of Quartus II, NIOS II, Sigasi, Intel FPGAs
- Proficient with Microsoft Excel, Word, GIMP, and Visio

ACTIVITIES AND INTEREST

- Raspberry Pi, Arduino, IoT projects
- VolHacks, Vim, basic level electrical projects
- Climbing, cooking, lifting