

EDUCATION

Temple University	Philadelphia, PA
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Bachelor of Science in Electrical Engineering	Class of 2019
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Relevant Courses: Cloud Computing Security, Coding in C, Software Tools, Signals, Digital Signal Processing, Digital Controls, Processor Systems

SENIOR DESIGN

Project Manager in Senior Design, Automated Agricultural Harvester,	Philadelphia, PA
<ul style="list-style-type: none">• Configure neural network to detect mushrooms in a Coordinate System• Implement Recognition software to recognize mushroom• Manage team of 5 to meet project deadlines	Jan 2018 – Dec 2019

EXPERIENCE

Assistant Lab Manager, Temple University Engineering Building	Philadelphia, PA
<ul style="list-style-type: none">• Solder components for lab kits and for repair of laboratory devices• Distribute hardware for labs• troubleshoot IT network and hardware computer problems	Aug 2018 – Feb 2020
Cloud Computing Security Graduate Course, Temple University	Philadelphia, PA
<ul style="list-style-type: none">• Practice implementing AWS and Open Nebula Cloud infrastructures• Used SQL for databasing and storing information• Practiced web security by penetration testing using Kali Linux	Aug 2019 – Dec 2019
Software Tools, Temple University	Philadelphia, PA
<ul style="list-style-type: none">• Created a web crawler in Python to create names and locations store data• Used bash commands to filter data and count words in thousands of files• Practiced problems to understand data structures in C and Python	Jan 2019 – May 2019
Research Assistant, Temple University, Robotics and Animal Locomotion	Philadelphia, PA
<ul style="list-style-type: none">• Process and interpret locomotion data of injured rats• Design program to calibrate speed for treadmill used by rats• Repair X-RHex hexapod robot hardware and software after power issue	June 2018 – May 2019
Teaching Assistant, Temple University, Electrical Devices & Systems Lab	Philadelphia, PA
<ul style="list-style-type: none">• Instructed 120 students in the design of DC circuits using hardware and simulations• Troubleshooted problems students encountered during each lab	Aug 2017 – Dec 2017
Research Lead, Temple University, “Smart Mirror” Project	Philadelphia, PA
<ul style="list-style-type: none">• Programmed Tkinter in Python to develop a GUI using Raspberry Pi• stored user health information using a JSON database	May 2017 – Dec 2017

AFFILIATIONS

Institute of Electrical and Electronics Engineers, Member	Sept 2016 – Present
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SKILLS & TECHNOLOGIES

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| <ul style="list-style-type: none">• Proficient in Microsoft Excel, PowerPoint, and Word• Additional Software, Coding Languages, & Skills:<ul style="list-style-type: none">○ Python○ C / C++○ Linux○ HTTP/JavaScript | <ul style="list-style-type: none">○ AutoCAD○ Multisim○ SQL / Panda○ Django | <ul style="list-style-type: none">○ Simulink○ Open Nebula○ MATLAB○ jquery |
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