

EDUCATION

Bachelor of Science in Computer Science , <i>University of South Carolina</i> 3.38 Major GPA <i>Minor in Mathematics</i>	Dec 2021
SC Governor's School for Science and Mathematics	May 2017

SKILLS

Tools and Languages	Python, Django, C#, Java, C++, SQLite, Git, ROS, \LaTeX
Subjects	Asynchronous Programming, Text Processing, Robotics, Nonlinear Optimization

EXPERIENCE

Research Assistant <i>Darla Moore School of Business</i>	Summer 2021 <i>Columbia, SC</i>
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- Supervised by Caitlin Ray
- Collected data from online games for a research project
- Wrote asynchronous Python code to make requests efficiently from APIs
- Applied knowledge of SQL to query databases for the project

Research Assistant <i>University of South Carolina College of Engineering and Computing</i>	Fall 2019 — Summer 2020 <i>Columbia, SC</i>
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- Supervised by Dr. Ioannis Rekleitis
- Researched solutions to a visual odometry problem using SLAM and point cloud registration techniques
- Conducted pool trials with the amphibious robot Aqua
- Debugged underwater stereo camera system, "Stereorig"

IT Desktop Support Intern <i>Techtronic Industries</i>	Summer 2019 <i>Anderson, South Carolina</i>
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- Supervised by Nadine Hammond
- Helped administrate optical character recognition system used by key functions of the company and resolved errors and inefficiencies in the system
- Answered help desk calls and, managed support tickets, and resolved issues for other functions within the company

Power Tools Division Intern <i>Techtronic Industries</i>	Summer 2017 <i>Anderson, South Carolina</i>
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- Created product landscapes to analyze the market

STEM Coach <i>STEM for Kids</i>	Oct 2021 — Present <i>Elgin, SC</i>
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- Supervised by Guarav Sangal
- Teaching kids the fundamentals of programming, physics, and web design in an engaging way
- Making technical topics accessible to newcomers
- Taught classes of ten or more students

LEADERSHIP

Secretary of Association for Computing Machinery at UofSC	2020 — 2021
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