

# David Schmitt

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## EDUCATION

**BS Computer Science (BSCS) - University of South Carolina, Columbia, SC**

**August 2017 - December 2021**

- Math Minor

**Governor's School for Science and Mathematics, Hartsville, SC**

**August 2015 - May 2017**

## WORK EXPERIENCE

**Darla Moore Research Assistant**

**Summer 2021**

- Supervised by Caitlin Ray
- Worked to collect data from online games for a research project
- Wrote asynchronous code to make requests efficiently from APIs
- Applied knowledge of SQL to query databases for the project

**Undergraduate Research Assistant UofSC AFRL**

**Fall 2019 - Summer 2020**

- Supervised by Dr. Ioannis Rekleitis
- Conducted pool trials with the amphibious robot Aqua.
- Troubleshooted Underwater Stereo Camera System, "Stereorig".
- Researched solutions to a visual odometry problem using SLAM and point cloud registration techniques.

**Techtronic Industries IT Desktop Support Intern**

**Summer 2019**

- Helped administrate optical character recognition system used by key functions of the company and reduced errors and inefficiencies in the system.
- Answered help desk calls, managed support tickets, and resolved issues for other functions within the company.

**Techtronic Industries Power Tools Division Intern**

**Summer 2017**

- Created product landscapes to analyze the market.

## SKILLS

- C++
- Python
- Java
- Git
- Linux command line
- ROS Robotic Operating System
- C#
- SQL

## LEADERSHIP

- Secretary of Association for Computing Machinery at UofSC