Audrow Nash
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Audrow Nash

Software Engineer

Education

2018 - 2020, University of Southern California
MS in Computer Science—advisor: Maja Mataric

2015 - 2018, University of Michigan
MS in Electrical Engineering—advisors: David Remy and Edwin Olson

2010 - 2014, University of North Carolina at Charlotte
BS in Electrical Engineering—advisor: James Conrad

Experience

05/20–present, *Software Engineer*, Open Robotics
- Made core Python and C++ contributions to ROS 2.
- Reviewed community contributions to ROS 2.

05/18–12/20, *Research assistant*, University of Southern California
- Designed and implemented an 8-week in-home interaction using ROS 1 and Python.
- Mentored several undergraduate and master's students.

06/19–08/19, *Intern*, Halodi Robotics
- Implemented a way for their humanoid robot to mirror arm motions.

08/15–05/18, *Research Assistant*, University of Michigan
- Implemented a fast 2D rigid body simulator in C++.
- Used the simulator to tune a controller for a bipedal robot.

Extracurricular

03-14–05/20, *Podcast Director*, Robohub
- Led an international team in publishing 160 podcast interviews.
- Implemented a fast 2D rigid body simulator in C++.

Skills

Programming
- ○ Python
- ○ C/C++
- ○ Javascript

Computer Software
- ○ ROS
- ○ Docker
- ○ Node.js

Awards

2016, *National Science Foundation*, Graduate Research Fellowship

Interests

Professional
Robot middleware, home robots, simulation, web development

Personal
Improv, podcasting, rock climbing