



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.
- Raised donations of around 20k USD.

### 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