

Jake Hansen

<https://github.com/StateFromJakeFarm>

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INTERESTS

- Competitive programming
- Deep learning
- Audio and Music synthesis
- Python

SKILLS

- **Languages:** C++, Python3, TCL
- **Frameworks/Libraries:** TensorFlow, Scrappy, Django
- **Additional Technologies:** Docker, SGE

EDUCATION

- **California State University, Chico** Chico, CA
Bachelor of Science in Computer Science (Spring 2019); GPA: 3.71 *Aug. 2015 – Present*

EXPERIENCE

- **Hewlett Packard Enterprise** Roseville, CA
Network Test Automation Intern *June 2016 – Aug. 2018*
 - Developed and maintained an internal network equipment testing tool
 - Created script to automatically power-down unused equipment within an on-site lab to reduce power consumption
 - Wrote scripts using TCL and Python to monitor statuses of NFS mounts utilized by developer workstations
 - Onboarded and mentored 3 high school interns
- **CSU, Chico Research Foundation** Chico, CA
Deep Learning Research Assistant *Dec. 2017 – Present*
 - Built Python web scraper with Google Cloud Storage and Google Sheets integration for improved usability
 - Building recurrent deep learning models using the TensorFlow library to categorize various ambient sounds
- **Computer Science Department** Chico, CA
Student Teaching Assistant *Aug. 2018 – Present*
 - Assisting students in upper-division course covering algorithms and data structures
 - Debugging with and instructing students during lab section and office hours

EXTRACURRICULAR EXPERIENCE

- **Association for Computer Machinery (ACM)** *June 2017 – Present*
Chapter President
 - Facilitates CSU Chico's participation in the annual Pacific Northwest ICPC Regional Competition
 - Leads weekly club meetings to help members improve programming and problem-solving skills
 - Organizes local programming competition among CSU Chico students each Spring semester