

JAROD GOWGIEL

976 E Creekside Ct | Sisters, OR 97759 | (503)816-3628 | jarod.gowgiel@tufts.edu
<http://jarod-gowgiel.herokuapp.com/>

EDUCATION

Tufts University (August 2015-present)

Medford, MA

- Bachelor of Science, anticipated May 2019
- Major: Computer Science
- GPA: 3.5, Dean's List Spring 2016, Spring 2017, Fall 2017

Catlin Gabel School (September 2011- May 2015)

Portland, OR

- Graduated 2015
- Foreign Languages Department Award – French, May 2015

EXPERIENCE

- **Print Quality Intern at Markforged**; improved the quality of 3D printed parts by adjusting the motion of the 3D printer to remove unwanted surface marks on all final pieces, made numerous quality of life improvements to the user experience by adding shared projects and Imperial unit support, and refactored the print time estimation software increasing accuracy of the predicted print time for all parts by 20% – Summer 2017
- **Barista at the Rez**, a student run coffee shop at Tufts University; responsible for making drinks for students and visiting parents while maintaining a clean work environment – Fall 2016-present
- **Design Lab Intern at the Oregon Museum of Science and Industry**; taught visitors to the museum about 3D printing and design technologies while performing maintenance and upkeep on existing exhibits, and created an interactive exhibit showcasing motion tracking technology – Summer 2016

LEADERSHIP

- **President of Pi Rho Omega Fraternity** (formerly Sigma Phi Epsilon); responsible for coordinating with the Tufts Administration, providing a vision for the organization, and effectively managing the operations of the fraternity – Spring 2017-present
- **Tufts Wilderness Orientation (TWO) Leader**; co-led a group of first year students through the backcountry on a five day backpacking trip and provided medical care, cultivated a positive group dynamic, and introduced these new students to Tufts – Summer 2017
- **Vice President of Programming for Pi Rho Omega**; planned internal and external social events and ensured a safe, enjoyable environment for all attendees – Fall 2016

SKILLS

- **Programming**: Proficient in C/C++ and Coffeescript, with experience in Python, HTML, and JavaScript
- **Modelling**: Proficient with Maya and Fusion 360, and experience with 3DS Max and Blender
- **Languages**: Conversational French
- **Other**: Wilderness First Aid and CPR certified

INTERESTS

- **Hiking**: Completed the 500 mile Camino de Santiago in 2013, member of Tufts Mountain Club and Tufts Wilderness Orientation.
- **3D Printing**: Worked extensively on creative personal projects such as a 3D printed watch case, two dimensional printed pieces that assemble to 3D forms, and various school projects.