

SOMMER OLSON

Email: olson.sommer@gmail.com ♦ Phone: (262) 337-3251 ♦ <https://www.linkedin.com/in/sommerolson/>

EDUCATION

University of Wisconsin - Madison | Madison, WI

May 2020

- Bachelor of Arts in Computer Science, Minor in East Asian Studies
 - Coursework - Mobile Applications, Software Security, Programming Languages and Compilers, Graphics
-

WORK EXPERIENCE

Stratasys Ltd.-Software Engineering Intern

May 2019-August 2019

- Added a new option while viewing print extrusion paths that helped resolve an issue making the 3D printers pause mid-print and waste material.
- Refactored fundamental methods in main application to assist the process of moving away from Tcl/Tk.
- Revised existing tests to determine accuracy of 3D print extrusion files after changes to code.
- Engaged in Scrum process and related agile ceremonies with teammates on different continents.

Wisconsin Historical Society-IT Helpdesk Specialist

February 2019-May 2020

- Provided phone and online chat support to WHS and its 16 remote locations to maintain business operations.
- Facilitated close to 200 employees through onboarding and termination, and further streamlined the process around limitations through the University IT department.
- Improved directory organization with scripting to check permissions for all WHS accounts.

Helen C. White Library-Technology Services Student Assistant

February 2016-March 2020

- Resolved patron concerns ranging from equipment checkout, internet, software, and computer problems in the lab, WisCEL classroom issues, and building navigation.
 - Collaborated with team members to assess new situations, finding the best solutions in the short term for patrons and long term for the computer lab, updating documentation to reflect these changes.
 - Trained 20 new hires on daily library procedures and monitored their subsequent progress.
 - Implemented a new station for students and staff of UW Madison to explore self-guided VR development, bringing a 30% increase in engagement to the technology checkout counter.
 - Guided the introduction of 3D printing to Helen C. White Library, creating one of the first 3D printing stations on campus available for student use.
-

PROJECTS

Extraterrestrial Hovercraft Racing Game - Developer

- Produced, with class teammates, a space-themed, desktop racing game using Unity and C#.
 - Developed code for the main physics that controlled how the hovercraft moved in-game.
-

TECHNICAL SKILLS

- *Proficient* - Java ♦ C ♦ C++ ♦ C# ♦ Javascript ♦ Tcl/Tk ♦ Powershell ♦ Git ♦ Jira ♦ Visual Studio ♦ Slack ♦ IAM ♦ Windows 10 ♦ Active Directory ♦ Linux ♦ Mac OS ♦ Cura ♦ Ultimaker 2+, 3 Extended
 - *Beginner* - Python ♦ Perl ♦ SQL ♦ HTML ♦ Arduino ♦ Android ♦ Unity ♦ Unreal ♦ AWS ♦ Go
-

LEADERSHIP AND VOLUNTEER INVOLVEMENT

Society of Women Engineers - Technical Communications Officer

- Coordinated with fellow officers to hold events for members to learn new technical skills.
- Restructured UW Madison SWE website using WordPress to organize formatting.

Liberty in North Korea - President, Fundraising Chair

- Ran weekly meetings and social events for members and officers.
- Held a variety of events throughout the year to fundraise \$500 for international chapter.

Student Radio, UW - Madison (WSUM) - Radio DJ

- Hosted weekly, hour-long music shows with carefully curated playlists.

Women's Association of Computing Machinery - Member

- Attended career development workshops and social gatherings.

Rewriting the Code - Member

- Created new networking opportunities and participated in professional development workshops.