

Tyler Chase Nielsen

nielsentc.github.io

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Career Interests

I specialize in software and rhetoric. My goal is to work in the domain where these two skills overlap to create works in literature and software that could not be accomplished without technical expertise and a bit of originality. I hope to work with colleagues in Game Development and Secondary Education who share my passion for merging these fields, and are never satisfied with yesterday's work.

Education

Bachelor of Science in **Computer Science, Mobile and Web Software Development**

Minor in **Writing**

Oregon State University – Cascades, Bend, OR

Anticipated Graduation: June 2019

GPA: 3.7

Technical Skills

C++, HTML, Python, Arduino, MacOS, Windows OS, Excel, Word

Research & Projects

Projects Manager, *Enactus*, Mercer University, Macon, GA

September 2015 – June 2016

- Organized seven project teams to assist in establishing and achieving short-term and long-term goals
- Acted as liaison between project teams and administrative board
- Facilitated bi-weekly meetings and encouraged project teams to share progress

Research Affiliate, *Georgia Tech Research Institute*, Atlanta, GA

June – August 2015

- Assembled lab equipment with great attention to detail
- Analyzed means to detect magnetic waves propagating from drone motors using a spectrum-analyzer
- Developed and programmed sensor array to detect lab conditions and execute fail-safes
- Helped senior researchers with side projects
- Documented and organized project data in Excel
- Networked across departments to engage in community events

Leadership & Activities

President/Founder, *Cascades Writing Guild*, OSU-Cascades, Bend, OR

April 2017 – Present

- Drafted legislative documents and formed officer committee to establish new club on campus
- Encourage writers and develop their professional writing skills for publication

Member, *Central Oregon Writers Guild*, Bend, OR

April 2017 – Present

- Engage in events with local writers and participate in literary competitions

Vice President, *Creative Writing Society*, Mercer University, Macon, GA

September 2015 – June 2016

- Supported President to organize events and meetings

Other Work Experience

Baker, *Big Ed's Artisan Bread*, Bend, OR

June – August 2017

- Reviewed invoices and prepped equipment to prepare for daily production
- Worked in a fast-paced environment and coordinated with co-workers to keep up with demand

Various Positions/Utility, *SelecTemp*, Bend, OR

June – August 2016

- Adapted to a variety of positions over the summer including construction, de-construction, catering, event set-up, furniture delivery and warehouse stocking

Additional Skills and Interests

Greek Literature (Ancient-Classic), American Literature (Transcendental-Postmodern), Poetry, Essays, Epics