

# Kirsten Carter

cart6278@gmail.com • (503) 799-0331 • [LinkedIn.com/in/kirsten-e-carter](https://krcarter-portfolio.herokuapp.com/index.html)  
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## EDUCATION

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Oregon State University	January 2019 - June 2021
<i>Bachelor of Science, Computer Science</i>	<i>GPA 3.43</i>
Pacific University	August 2009 – May 2013
<i>Bachelor of Arts, Integrated Media   Minor: History</i>	<i>GPA 3.34</i>

## TECHNICAL SKILLS

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**Programming Languages:** Python, C, C++, HTML, CSS, JavaScript, MySQL, Flask, Node.js, Phaser 3  
**Software/Technologies:** GitHub, Google Cloud Computing, JetBrains IDE's, Visual Studio IDE, WordPress, Microsoft Office Programs, Photoshop, InDesign

## SELECTED PROJECTS

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**Computer Defense Force** - <https://github.com/tdraxler/computer-defense-force> and live on <https://cdf-krcarter.herokuapp.com/>

- A HTML5 tower defense style game created primarily using the Phaser 3 game engine, JavaScript, and JSON files to store data for major game components. Additionally, Node.js, Express, ES6 JavaScript, and git was used.
- The player is defending a computer system from waves of malware. The player must build turrets and energy generators to fight back against waves of enemies and upgrade defenses. The game takes place on a 2D plane and is controlled with the keyboard and mouse.

**Creating a RESTful API (Google Cloud)** - [https://github.com/Cart6278/cs493\\_final-project\\_cartekir](https://github.com/Cart6278/cs493_final-project_cartekir)

- Create and implement a RESTful API using Python/Flask with a user entity and two non-user entities. The user entity must be related to one of the non-user entities and access to that entity is projected. The two non-user entities must be related to each other.
- Implements basic CRUD operations for entities and authentication/authorization using Auth0.

**The Outdated Library** - <https://github.com/Cart6278/the-outdated-library-cs340>

- A database using Python/Flask for a library that includes functionality to add, remove, search, and edit books and authors.
- Uses a HTML and CSS/Bootstrap interface with a MySQL and Python/Flask backend.

## SELECTED PROFESSIONAL EXPERIENCE

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**Spring Mountain Bible Church (Volunteer)** [springmountain.org/wordpress/](http://springmountain.org/wordpress/) 2013 – Present  
*Website Administrator - WordPress*

- Transferred and renovated a site from hard coding HTML and CSS to WordPress for ease of use by leadership.
- Created an RSS feed for a Podcast for weekly sermons leveraging the Seriously Simple Podcasting plug-ins. Assisted church leadership in set up of a podcast feed on iTunes and Spotify.
- Revise and maintain website on a weekly basis.

**Christ the Vine Lutheran (Contract)** [www.christthevinelutheran.org/](http://www.christthevinelutheran.org/) 2016 – February 2017  
*Website Redesign*

- Collaborating with leadership to implement redesign and then transfer and amend content to the new website.
- Setting up a new website to be operated and maintained by others without a need for web development experience.

**Gray Line of Portland (Tourism and Sales)** 2011 June – October 2019  
*Office Assistant, Lead Sales Associate, and General PC Support*

- Evaluated fundamental PC/tech issues and concerns for office computers and other electronic devices as needed.
- Acted as a daily team lead by opening, closing, and balancing tills. Additionally, daily tasks included interfacing between tour drivers, management, and other sales staff on duty. Conducted daily communication with customers to make reservations, purchases, and offering general assistance as needed in person or by phone.