

Scott H. Waldron  
#201-245 32 St  
Bellingham, WA 98225

360.461.0966  
waldros2@gmail.com  
github/waldros2

## Education

- **Western Washington University** Bellingham, WA  
*Master of Science in Computer Science* Est. Jun 2019
- **Western Washington University** Bellingham, WA  
*Honors Bachelor of Science in Computer Science* Est. Jun 2018

## Work Experience

- **SPIE** Bellingham, WA  
*Software Development Intern* January 2018-current
  - Designed and implemented major web pages using C#, JavaScript, Linq, HTML, and CSS in an Agile environment
  - Collaborated with peers, project managers, and a senior software manager following the Agile development process
  - Debugged and maintained customer facing pages

## Software Experience

- **Full Stack Development** Bellingham, WA  
*Senior graduation enterprise* September 2017 - June 2018
  - Collaborated as a group of 4 to develop a Full Stack for *The United States Civil Air Patrol* cadet program
  - Advocated for the structure, scope, schedule and delivery to the client
  - Composed and oversaw the product from start to finish
- **Micro Kernel Development** Bellingham, WA  
*Operating Systems Internals* September 2017 - December 2017
  - Concurrent kernel resource management involving interprocess communication between threads
  - Organized and scheduled user-level processes
  - Implemented multiprogramming with fork involving file-related syscalls
  - Coordinated and synchronized serial I/O device drivers
- **Command Line Interpreter** Bellingham, WA  
*Unix Software Development* April 2017 - June 2017
  - Implemented tokenizing of parameters using dynamic memory
  - Enacted built-in functionality and provided environment variable processing
  - Included interpretive line expansion including limited wild-card expansion
  - Designed and utilized pipelining and file redirection

## Skills

- CSCI 510 (Automata and Formal Lang. Theory)
- CSCI 509 (Operating System Internals)
- CSCI 367 (Computer Networks I)
- CSCI 352 (Unix Software Development)
- CSCI 322 (Principles of Concurrent Programs)
- CSCI 305 (Analysis of Algorithms I)
- CSCI 301 (Formal Lang. & Functional Programming)
- CSCI 247 (Computer Systems I)
- CSCI 241 (Data Structures)