

# Brian St.Clair

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## Objective

To obtain a full or part-time position in fields of software or web development to build a foundation of professional skills while applying my knowledge and passion. To expand my formal education in these fields while learning team and professional skills.

## Education

**B.S., Multidisciplinary Studies**, Western Washington University (WWU).

Expected Graduation: December, 2018.

**Minor in Computer Science already completed**

## Personal Experience

**Html** – Basic html work for creating web sites.

- Created several websites

**PHP** – Basic integration programming experience with html

- Used PHP and html to develop, process, and secure information.

**MySQL** – Basic SQL querying experience

- Used querying to access databases

**CSS** – Basic web site styling

- Knowledgeable with css styling in most all aspects of a web page

**Java** - High level programming experience using several data structures to create high information processing programs efficiently.

- Created a program that lets users choose what data structure (Tree, Hash Map, or Linked List) to read files with up to 30,000 names and keep info about name frequencies and ranks which runs under 2 seconds and allows searching and displays the most popular or unique names.
- Created a program to take a maze text file and then display the maze and the maze being recursively solved.
- Created a program and GUI using java swing to play the board game called Deadwood

**C** – Debugging and reading machine code.

- “Defused Bomb” (Debugging) by reading through Machine and Assembly code.
- Used buffer overflow and return oriented attacks to exploit weak code.

**Python** – Basic programing experience.

- First programming language learned to learn the basics of programming.

## Work Experience

- Web Developer for WWU Center for Instruction Innovation & Assessment

## Additional Experience

- Experienced IDE's include JGRASP, Eclipse, Atom, Dr. Racket, Net beans
- Experience with Adobe Photoshop
- Video editing through various programs including Imovie with Mac's
- Landscaper with MoweTown Landscaping working efficiently and self-motivated.

References available upon request.

# **References**

## **Ashley Kovacevich**

804 10th St,  
Bellingham, WA 98225  
Phone: (360) 393-7840  
Relationship: Head Cheff  
*Familiar with my strong work ethic and reliability as an employee.*

## **John Town**

36444 45th Ave S  
Auburn, WA 98001  
Phone: (253) 219-9246  
Email: Contact@MowTowne.co  
Relationship: Landscaping boss as well as Young Life Leader  
*Familiar with my dedication to learning new things and strong work ethic.*

## **Justina Brown**

Center for Instructional Innovation and Assessment  
Western Washington University  
516 High Street, Mail Stop 9095  
Bellingham, WA 98225-9095  
Phone: 360-650-7210  
Email: Justina.Brown@wwu.edu  
Relationship: CIIA Boss for WWU  
*Familiar with my web development Experience.*