

# Chad H Glaser

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425.931.6050 [Chadg1980@gmail.com](mailto:Chadg1980@gmail.com)

## EDUCATION & CERTIFICATE

- **Computer Science**, Bachelor of Science, Oregon State University, 2015
- **Web Design**, Certificate of Completion Cascadia Community College, 2010
- **Database Design**, Certificate of Completion, Bellevue Community College, 2009

## COMPUTER & RELATED SKILLS

- PHP
- HTML5/ CSS3
- MySQL
- JavaScript, JQuery, Ajax
- Bash
- Apache Web Server
- Adobe Creative Suite (Photoshop, InDesign, Illustrator, Premier Pro etc)

## EMPLOYMENT HISTORY

### *Graduate Software Associate, K2 Software, Bellevue, WA*

- Designed, built, and deployed business applications that benefited internal teams and evolved internal systems.
- Troubleshoot multiple scenarios on the latest K2 products and across multiple systems and integration points.
- Interacted and communicated with many diverse levels of IT specialists across a vast range of products and platforms.

### *Team Leader, Army National Guard, Snohomish, WA*

- Sergeant Washington State Army National Guard
- Team Leader of 3<sup>rd</sup> Platoon 2<sup>nd</sup> Squad, leading 5 junior enlisted.
- US Army Corps of Engineers 21K Plumbing Utilities Course
  - Distinguish Graduate (best in class)
  - US Army Engineering Association Sapper Spirit Award
  - Commanders Coin Award
  - Platoon Guide D Company 169<sup>th</sup> Battalion
    - Accountable for 16 soldiers when senior leadership not present

### *IT Specialist, Johnson and Braund Design, Seattle, WA*

- Troubleshoot hardware and software issues for users' workstations with urgency the moment a user called, emailed, or came into my office.
- Created network security policy by leading IT Task Force meetings and giving advice to managers as to the most appropriate policies for our network.

## VOLUNTEER SERVICE

### *Hour of Code Instructor*

- Presented material from code.org to homeschool students who had no other exposure to code or compute science.

## PROGRAMMING PROJECTS

### *Plenty of Dogs Website*

- Using HTML5/CSS/java script/JQuery, created an interactive web site that provides a place for many dog shelters to list dogs that are available for adoption.
- Designed and implemented log in logic, and database design.
- Backend running MySQL database queried with PHP.

### *Corvallis Reuse and Repair Android Application* (<https://github.com/chadg1980/crrd>)

- Designed and deployed the database, and wrote the queries for the calling URL.
- Implemented the back end architecture using a RESTful web architecture.
- Created the administration web page for the application to update the database using Django, and Python.
- Set up and deployed an Amazon EC2 instance to host the server.
- Automated testing of the URLs and GET functions completed in Django TestCase

### *One Time Pad Client Server Program* (<https://github.com/chadg1980/OneTimePad>)

- Written in C, the one-time-pad generates a unique key, encodes a message, sends that message from client to server, receives the message, and decodes the message based on the original key.
- Written for the Linux operating system, Compiled on GCC.