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(Summer Address)

Gabriel P. Emerson

Objectives

To earn a postgraduate degree in computer science, focusing on security issues, and to find employment in the computer security field.

Work Experience

2003-2004 KSUA-TV Fairbanks, AK
Television Production Manager

- Edited and produced material for University of Alaska, Fairbanks TV station.
- Digital Editing with Adobe Premiere, Photoshop, and Apple Final Cut Pro.
- Assisted student volunteers with video production and filmmaking.
- Maintained and repaired audio/video, computer, and networking equipment.
- Assisted in purchasing and hiring decisions.

2003 Exxon Valdez Oil Spill Restoration Office Anchorage, AK
Assistant Computer Technician / Data Management Intern

- Programmed and maintained dynamic web applications with ColdFusion.
- Utilized and maintained SQL database systems.
- Installed and maintained Linux and Windows servers.
- Provided maintenance and hardware/software support to office personnel.
- Assisted with equipment procurement and installation.

1997-2007 (seasonal) Fishing Vessel *Imperial* Funter Bay, AK
Commercial Fishing Crewman

- Worked as deckhand aboard commercial salmon troller.
- Assisted with navigation, maintenance, and supply of vessel.
- Repaired and installed electronic systems.
- Performed underwater inspection/repair of various vessels.

Education

2005-2007 (ongoing) **University of Minnesota, Twin Cities**
Minneapolis, MN

- Computer Science Graduate Student
- Expected degree completion in May 2008

2000-2004 **University of Alaska, Fairbanks** Fairbanks, AK

- Graduated with Bachelor's of Science in Computer Science field.
- University Honors Scholar.
- Member of UAF Honors Program.
- Member of Golden Key International Honor Society
- Member of Dean's Honor List
- Familiar with C++ and Object-Oriented programming, assembly languages including PC ASM and VHDL, dynamic web programming languages including ColdFusion and PHP, basic networking and network security including digital forensics and intrusion detection.

1996-2000 **Mt. Edgecumbe High School** Sitka, AK

- Co-Valedictorian in graduating class of 60.
- Member of Honors Program, National Honor Society, and Battle of the Books.
- Student Council secretary, 2000.

Interests

My interests include writing, sailing, computers, amateur films, history, outdoor activities, amateur radio, and industrial archeology. I have been an active member of the UAF film club, and received the Audience Choice award in the spring 2002 film festival. I refurbish a variety of used and antique computers, electronics, and other equipment as a hobby. I also repair and rebuild boats, including a twenty-four foot Bayliner Buccaneer sailboat, and several smaller craft.