SCOTT MACFARLANE

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(907) 750-5576

SKILLS

Ruby	Elixir	Rails
Git	Chef	Linux
Terraform	AWS	

EXPERIENCE

University of Alaska Fairbanks, Geographic Information Network of Alaska
October 2011 - Present

- Implement automated processing and distribution of near-real-time satellite data
- Develop and maintain Rails applications supporting scientific research and data discovery
- Lead adoption of Chef in consolidated research IT organization
- Advise faculty and staff in improving workflow and tools

University of Alaska Fairbanks
September 2008 - October 2011

- Administered Linux Servers
- Maintained and developed PHP and Rails applications
- Supported faculty and student desktop computers

Kashiwazaki City, Niigata Prefecture, Japan
August 2005 - August 2008

- Developed lesson plans that encourage communication
- Assisted Japanese teachers with in-class lessons
- Lead summer seminars to improve Japanese teachers' English skills

EDUCATION

University of Alaska Fairbanks
1998 - 2005
Graduated B.S., Computer Science

Nagoya Gakuin University
2003 - 2004
Graduated Exchange Program, Foreign Language Studies

LANGUAGES

English *(Native speaker)*   Japanese *(Coversational)*