

# SCOTT MACFARLANE

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(907) 750-5576

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## SKILLS

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|       |        |           |
|-------|--------|-----------|
| Ruby  | Elixir | Rails     |
| Git   | Chef   | Habitat   |
| Linux | Shell  | Terraform |
| AWS   |        |           |

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## EXPERIENCE

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### University of Alaska Fairbanks, Geographic Information Network of Alaska

October 2011 - Present

- Develop and maintain Rails applications supporting scientific research and data discovery
- Lead adoption and implementation of Chef among research IT staff
- Implement automated processing and distribution of near-real-time satellite data
- 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

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## EDUCATION

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### University of Alaska Fairbanks

1998 - 2005

Graduated B.S., Computer Science

### Nagoya Gakuin University

2003 - 2004

Graduated Exchange Program, Foreign Language Studies

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## LANGUAGES

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English (*Native speaker*)

Japanese (*Coversational*)