

Curiosity-driven, detail-oriented, passionate software engineer looking to share ideas, solve problems, and drive innovation alongside other creative, forward-thinking industry professionals.

## Languages & Frameworks

- Node.js, Ruby on Rails, React
- JavaScript, jQuery, Ruby, HTML, CSS, SQL, Cloudant NoSQL, MQTT, L<sup>A</sup>T<sub>E</sub>X

## Soft Skills

- Organized and detail-oriented
- Critical thinking and creative problem solving
- Collaborative group work

## PROFESSIONAL EXPERIENCE

### *Software Engineer*

Aug. 2015 - Present

IBM, San Francisco, CA

Built and deployed applications for enterprise and startup clients on the IBM Cloud platform using agile and test-driven development practices. Collaborated directly with UX and UI designers to facilitate agile feedback cycles for client engagements.

- Led development team in coordination with Fiat Chrysler and Panasonic for implementation of voice command system using Watson Conversation service, presented at CES 2017 in Las Vegas.
- Built application dashboard integrating IoT device information for Kimberly Clark intelligent washroom project.
- Developed and analyzed social media content for prototype project for the Bank of Chile.
- Consulted with American Airlines for project relating to new European Union data privacy requirements and assisted in interviewing candidates to sustain project longer term.
- IBM Certified Application Developer - Cloud Platform V1

### *Full-Stack Developer Student*

Jan. 2015 - June 2015

Galvanize, Boulder, CO

Completed intensive developer program over the course of 24 weeks. Learned computer science fundamentals and established proficiency in building production quality front-end and back-end web applications using modern languages and frameworks.

- *Projects:* MusicBoxApp (Spotify API, Ajax, JavaScript, CSS), gCamp (Bootstrap, HTML, Ruby on Rails, Haml, Heroku), WeatherApp (Apache Cordova, Ajax, Flickr/OpenWeatherMap API)

### *Financial Analyst Intern*

Dec. 2013 - Jan. 2015

Lutheran Medical Center, Wheat Ridge, CO

Worked in the hospital administrative suite and collaborated with staff across multiple departments as part of larger project to reduce the length of stay for patients, consequently helping to reduce the overhead cost to the hospital and improving patient satisfaction scores.

- Analyzed key performance metrics across multiple departments looking for inefficiencies and opportunities for improvement.
- Led new policy implementation of nurse uniform standardization program to make it easier for clinical staff, patients, and physicians to identify critical skillsets and qualifications resulting in increased patient satisfaction and quality standards.

### *Contract Associate (Temporary Position)*

Oct. 2013 - Nov. 2013

Express Employment Professionals, Denver, CO

- Improved efficiency in processing of professional license applications for the Department of Regulatory Agencies (DORA) through implementation of barcoding system.

# Alex Emrie

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*Field Technician*

June 2013 - July 2013

RMC Consultants, Wheat Ridge, CO

- Measured water contamination at abandoned missile silo near Cheyenne, WY.
- Installed concrete enclosures around former mining sites in Naturita, CO.

*Research Assistant*

May 2012 - June 2012

U.S. Geological Survey (USGS), Nome, AK

- Conducted invertebrate transect sampling and regression analysis to determine possible correlations between arthropod and songbird distributions across arctic tundra.
- Applied research to undergraduate thesis for Whitman College degree requirements.

## EDUCATION

*Bachelor of Arts in Biology*

2009 - 2013

Whitman College, Walla Walla, WA

## ACHIEVEMENTS

Whitman Collegiate Cycling Member (NWCC Road Race Champion)

Juvenile Diversion Program Volunteer

Tae Kwon Do, First Degree Black Belt