

# JEREMY GRANGER

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## SOFTWARE ENGINEER

### PROGRAMMING | SCRIPTING | UI/UX DEVELOPMENT | INNOVATIVE DESIGN

Software development professional, consistently delivering results, combining skills in UI development and front-end technologies with back-end development for full-featured web applications, database management systems and third party API integration.

- |                          |                        |                                   |
|--------------------------|------------------------|-----------------------------------|
| ✓ Software Programming   | ✓ Feature Optimization | ✓ Fast Learner – Driven to Action |
| ✓ Software Unit Testing  | ✓ Graphics Integration | ✓ Strong Influence Skills         |
| ✓ Multimedia Development | ✓ UI Development       | ✓ High-performance Culture        |

## EDUCATION

**B.S.**, Computer Science, University of Colorado 2015  
(Pursuing) **M.S.**, Computer and Electrical Engineering, Johns Hopkins University

### RELEVANT COURSEWORK

- |   |                       |                                   |
|---|-----------------------|-----------------------------------|
| ▪ Technology, Arts, and Media (Certificate) | ▪ Computer Systems    | ▪ Linear Algebra w/ CS Apps       |
| ▪ Data Structures                           | ▪ Discrete Structures | ▪ Software Methods and Tools      |
| ▪ Hacking in Practice                       | ▪ Algorithms          | ▪ Object-Oriented Analysis/Design |

### TECHNICAL PROFICIENCY

**Languages\*\*:** Python (P), Ruby (P), CSS (P), HTML (P), C++ (P), SQL (P), OpenGL (P), C (I), C# (I), Java (I), JavaScript (I), Objective-C (I), PHP (I) and Swift (I)

\*\*Key for Language Proficiencies: (B) – Beginner | (I) – Intermediate | (P) – Proficient

**Tools & Applications:** Codeigniter(PHP), Command Line (shell), Eclipse, Heroku, Matlab, Maya, Photoshop, Sketchup, Sublime Text, Twitter Bootstrap, VirtualBox, Visual Studio, Xcode

### PROFESSIONAL EXPERIENCE

**GINGR, LLC., Web Developer Intern**, Boulder, CO **May 2015 – August 2015**

*Oversaw the full scope of deliverables, design, task prioritization and optimization for service management software design, delivery and implementation.*

- Worked in the back-end of Gingr's application, designing and implementing 9 models with full-featured controllers in 2.5 months.
- Worked exclusively in PHP using Codeigniter. Tied in front-end technologies using MVC design pattern, making use of HTML/CSS, JavaScript, and ReactJS. Created multiple interactive table views with full CRUD interactivity.
- Designed high performance SQL queries for extracting, transforming and loading data by integrating queries using specially designed PHP class methods.
- Designed and implemented 27 user-requested features over a span of 2.5 months.

**READYTALK, INC., Senior Project Software Engineer**, Boulder, CO **May 2014 – May 2015**

*Developed and tested wearable technology and APIs to design a freestanding enterprise fitness competition application.*

- Served as Research Lead, directly impacting the decision to develop the final product on the Jawbone platform.
- Applied technologies including FitBit, Jawbone UP24 with front-end (CSS, HTML, JavaScript, jQuery, Twitter Bootstrap) and back-end (ActiveRecord, Heroku, MySQL, Ruby on Rails, Jawbone/FitBit API's).

**US MARINES, Gunnery Sergeant** **July 2002 – July 2016**

*Served in increasingly demanding leadership and management positions. Received extensive leadership development and training. Fully qualified lead technician for multiple work centers.*

- Standardized task delegation within two squadrons, improving production by making use of updated software and creating new leadership billets within the organization.
- As a certified Quality Assurance Representative, personally inspected over 4,200 maintenance actions.
  - Received Navy-Marine Corps Achievement Medal for actions during Operation Enduring Freedom.
- Served as Presidential Support Specialist for President George W. Bush, ensuring timely flight scheduling and safety of his personal aircraft fleet.
  - Received Navy-Marine Corps Commendation Medal for actions during 4-year tour.