

# HENRY GRANADOS

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(303) 505-4234

## OVERVIEW

I'm very confident and passionate about developing software, capable of creating basic to advanced projects. I'm well versed in website development, software and enhancing applications.

## EDUCATION

University of Colorado, Denver (Denver, CO)

B.S Computer Science and Engineering

May 2014

## TECHNICAL SKILLS

**Languages:** Java, C/C++, C#, Python, PHP, Javascript, Ajax, JSON, HTML/CSS.

**Frameworks:** Angular.js, Node.js/ Express.js, jQuery, Dojo.js, Bootstrap, ASP.NET.

**Databases:** MySql, PostgreSQL, Oracle, MongoDB,

**Software Lifecycle:** Agile/Scrum, Continuous delivery, Continuous Integration.

**Other:** Spring, JBoss, Maven, Selenium Webdriver, TestNG/JUnit, Jenkins, Unix/Linux, Bash, Git/Github, Android development.

## WORK EXPERIENCE

U.S Geological Survey. (Lakewood, CO)

September 2015 – Present

**Full Stack Web Developer**

- Designing, developing, testing, implementing, and maintaining software applications and programs/scripts/tools supporting a wide variety of USGS/NGTOC applications such as The National Map.
- Advisor to internal and external customers on issues regarding GIS and web application development as well as associated hardware, software, procedures, and associated geospatial data.

### **Tools and Technologies**

- ESRI suite of products (ArcGIS Server, ArcObjects)
- RESTful design
- GIS Database Design
- ArcGIS Server Objects Extensions

- Map Services (OGC and ESRI)
- Web-based viewer technologies (Google Earth/Maps, ESRI JavaScript API, Leaflet, OpenLayers)
- USGS data models (NHD, NED, "Best Practices", DRG)
- GIS concepts, such as map projections and coordinate systems, spatial analysis

TIME WARNER CABLE (Broomfield, CO)  
**Software Engineer**

August 2014 – August 2015

- Server Integration Test team - Automated Testing Framework.
- Integrate unit, smoke, and system automation tests for RESTful and SOAP web services in cloud and distributed systems
- I develop Java tests suites that deal with verification of server data, APIs, and end to end integration with other projects.
- I utilize frameworks and libraries, such as Maven, Selenium, Spring, JBoss, TestNG and Jenkins.

TARGET (Superior, CO)  
**Customer Service representative**

January 2008 – August 2014

- Cashiering.
- Electronics.
- Customer service.