

# Casey Vockrodt

## Software Engineer

Aurora, CO 80013

[casey.vockrodt@colorado.edu](mailto:casey.vockrodt@colorado.edu)

303-219-0864

Seeking a challenging position where I can grow professionally and personally

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## Work Experience

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### Software Engineer

Northrop Grumman - Aurora, CO

September 2014 to Present

Maintenance and Support Lead

New development against requirements and requests. User support and account management. Build, test, deploy, and monitor software.

Served as mentor to junior (and senior) team members.

Introduced methodologies and best practices that improved workflow, collaboration, and communication.

Database driven web application development in a UNIX environment using Java, Spring (DI & task scheduling), Hibernate (ORM), SQL, Struts2 (MVC), HTML5/JS/CSS3, AJAX/REST/SOA, and jQuery.

### App Developer

Self Employed - Aurora, CO

November 2011 to Present

Mobile applications in java for the Android platform consuming REST APIs and extensible frameworks. Published applications to the Google Play Store and the Amazon App Store.

Browser extension in JavaScript for Google Chrome, utilizing OAuth 2.0. Published to Chrome App Store.

Linux (Ubuntu) server administration including Apache, dynamic DNS, RAID, Docker, etc.

### Research Assistant

University of Colorado - Boulder, CO

November 2008 to December 2011

Used scripting software to manipulate and display seismicity, anisotropy, contour, etc.

Worked in Unix environment to create models from seismic data using bash, perl, MATLAB, and General Mapping Tool (GMT)

## Education

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### Bachelor of Science in Engineering Physics w/ Minor in Computer Science

University of Colorado - Boulder, CO

2008 to 2012

## **Bachelor of Science in Applied Mathematics**

University of Colorado - Boulder, CO

2008 to 2012

### Skills

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Java, Struts2, Hibernate, Spring, Scripting, Android, MATLAB, OOP, Eclipse, Physics, Mathematics, Statistics, SQL, HTML5, CSS3, Web Services

### Certifications/Licenses

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#### **Security+**

October 2014 to October 2017