

# Lucas Combs

Reno, NV

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## EDUCATION:

**George Mason University, Fairfax, VA**

BS Computer Science, May 2012

GPA: 3.3

## SKILLS:

• Ansible, Bash, C#, C/C++, Java, Javascript/Typescript, NodeJS, NOSQL, PhaserJS, SQL, Unity3D, Unix

## EXPERIENCE:

**Baker Hughes, Minden, NV - Senior Software Engineer**

**Nov 2018 - Present**

- Full stack Android web app with C++ server, Angular JS frontend, and SQLite for industrial machine vibration analysis using Digital Signal Processing
- Implemented new charting framework for data visualization
- Improved phone battery life by 30% when using App.

**Independent Contractor, Reno, NV**

**Jun 2018 - Nov 2018**

- Backend development for cryptocurrency trading platform integrating different exchange APIs for data consolidation, analysis, and trade execution using NodeJS, and PostgreSQL database

**Verisign Inc, Reston VA - Software Engineer III**

**Oct 2017 - Jun 2018**

- Automated performance testing of server load capabilities. Turning a 2+ week task into a one click process.
- Created automated tests for DNS services using Ruby, Bash, Python and Ansible

**American Receivables Corporation, Reno, NV - Founder**

**Apr 2017 - Aug 2017**

- Created web application for data analytics and visualization for financial institutions using NodeJS and MongoDB.
- Responsible for data cleansing and standardization, as well as SQL to NOSQL Database migrations, working with AWS/MongoDB.

**Bristlecone Holdings, Reno NV - Senior Software Engineer**

**Aug 2014 - Apr 2017**

- Designed and developed microservice based Consumer Finance and Origination Platform for leases and loans comprised of an origination application, underwriting, pricing, and fraud detection microservices.
- Developed REST APIs for third parties (taxes, underwriting, pricing).
- Integrated systems with 3rd party APIs including LexisNexus, AdobeSign, Experian, Giact.
- Design and developed proprietary risk-based pricing and underwriting algorithms
- Created forward projecting financial models (predicting delinquency rates, cash recovery rates...etc.) for executives

**International Game Technology, Reno, NV - Software Engineer I**

**May 2012 - Aug 2014**

- Developed and shipped 4 slot machine games
- Created companywide language translation tool used in all game development

**REFERENCES:** Available upon request