

Brandon Pitman

Backend Software Engineer • Portland, OR

<https://bran.land>
<https://github.com/BranLwyd>
brandon.pitman@gmail.com
(770) 309-8353

EXPERIENCE

NWEA, Portland, OR — Senior Software Engineer

Apr 2020 - Present

- Maintained & extended the primary ETL pipeline for NWEA's data warehousing team.
- Built & maintained alerting infrastructure around the ETL pipeline, increasing confidence in the system and improving response times during incidents.
- Responded to production incidents, resolving a number of incidents in a timely & professional manner.

Google, Mountain View, CA — Senior Software Engineer

Apr 2013 - Mar 2020

- Tech Lead for 6-person security engineering team focused on providing internal IAM services; provided strategic direction, code review, mentorship to the team.
- Provided responsible stewardship for multiple root-equivalent systems in Google's production environment.
- Designed, led implementation, and launched a distributed system to securely & reliably distribute ACL data to Google's global fleet of servers.
- Experienced at incident handling: resolved a variety of sensitive internal security, performance, and reliability issues affecting Google's production environment.
- Provided technical review & assistance to other teams building a variety of projects on top of my team's systems.

(additional work history available on request)

EDUCATION

Georgia Tech, Atlanta, GA — M.S. Computer Science

Dec 2009, GPA 3.92

Georgia Tech, Atlanta, GA — B.S. Computer Science, B.S. Applied Mathematics

May 2008, GPA 3.63

SKILLS

Languages:

- Go
- Java
- Python
- JavaScript
- Rust
- C++
- Bash scripting

Technologies/Skills:

- Google Borg
- Google Spanner
- Google Protocol Buffers
- Secure software development
- Cryptography
- Distributed systems
- HTML/CSS
- SQL/SQLite
- AWS
- Linux
- SMP concurrency/multithreading
- Performance/profiling
- Git/VCS