

# Sam Berg

Developer and systems administrator

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## EDUCATION

### University of Minnesota, Twin Cities

Bachelor of Science - Computer Science  
December 2017  
Cumulative GPA: 3.6

### University of Wisconsin, Madison

Bachelor of Arts - English  
May 2012  
Cumulative GPA: 3.2

## EXPERIENCE

### Securian Financial Group, Inc. — Associate Analyst

March 2018 - Present

Support application servers on Linux and Windows systems. Automate support processes using Windows PowerShell and Bash. Orchestrate server engineering tasks using Puppet and RedHat Satellite.

- Wrote PowerShell script to revoke 500 certificates in bulk, which retired a manual process that would have taken one engineer days to complete

### Securian Financial Group, Inc. — Application Developer

January 2018 - March 2018

Trained to become a Java developer who would engineer Spring Batch applications that run nightly on a distributed mainframe.

### University of Minnesota — Student Analyst

January 2015 - December 2017

Supported the Moodle learning management system. Performed QA tests and smoke testing during monthly deployments. Applied patches to modules on the system using Bash, PHP, and SSH.

### BI Worldwide — Java Developer Intern

June 2015 - August 2015

Developed Java a web application used to track retail sales data for a client. Applied the Spring MVC framework to engineer new features to the application.

## PROJECTS

- Built a multithreaded scraping application using the Scrapy Python framework that parsed 5000 Metacritic PC game reviews and inserted them into a Mongo database.
- Wrote an HTTP server using the core Java 8 library
- *Class Project:* Implemented a neural network using MATLAB that identified handwritten digits

## SKILLS

Java, Spring MVC/Batch

Python

C

Git

Bash, PowerShell