

# John T. Schelling

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## Skills

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### Languages

Java  
C  
JavaScript

### Tools

Heroku  
Git & Github  
AWS S3  
Bash

PostgreSQL  
Travis CI  
Android Studio  
Node.js

### Miscellaneous

CI/CD practices  
Cloud Management  
Sound Engineering  
Lighting Design

## Education

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### University of Wisconsin - Madison

Graduation: May 2018

Major: Computer Science B.A.

**Relevant Coursework:** Machine Organization & Programming, Operating Systems, Software Engineering, Image Processing, Artificial Intelligence, Theory of Algorithms

## Projects

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**Dropbox-Clone** (source code: <https://github.com/jtschelling/dropbox-clone>  
live: <https://filestorage.schelling.io>)

**Solo Project**  
Summer 2018

- Created a web-based, personal file storage system akin to Dropbox
- Bootstrap/vanilla JS front-end, Express on Node.js back-end with login data and remote file indices on PostgreSQL
- Stores and retrieves static files in Amazon S3 buckets
- Project is deployed on a Heroku development pipeline with Heroku Postgres
- **Skills:** Cloud platform management, Database management, Integration testing with Travis CI, practical security

**Calf Tracker** (source code: <https://github.com/jtschelling/calf-tracker>)

**UW Madison**

Android Developer

September 2017 – December 2017

- Created an Android application that helps farmers schedule vaccinations and monitor health of a calf herd
- Developed with a team of seven UW Madison students in course CS:506 Software Engineering
- Development followed the Waterfall design pattern
- **Skills:** Android Studio, Java, Firebase RTD, Team management

## Work Experience

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### UW Union Production Department

**Madison, WI**

Sound Engineer, Lighting Designer

January 2016 – Present

- Ensured live sound events and other sound and lighting systems needs in UW Union concert venues ran as expected
- Managed 2-3 rotating employees on each shift, delegating work to them for events where attendance is 300+
- Taught new employees sound and lighting production technologies and standard practices our team used
- Coordinated with building managers, event booking employees, and the talent's management to prepare for night of event