

# JUSTIN P. DICKERSON

justin.p.dickerson@gmail.com  
LinkedIn: justinp dickerson

734.985.0669  
<https://www.justinpdickerson> | GitHub: dj911ice

---

## EDUCATION

---

**Bachelor of Science in Computer Science**  
Oregon State University, Corvallis, Oregon

Sep. 2022 - Present

---

## EXPERIENCE

---

**Oregon State University, Remote**  
*Undergraduate Learning Assistant*

Mar. 2024 - Present

- Facilitated teaching for CS 340: Introduction to Databases. Held office hours to assist students learning the SQL language and relational database concepts in two hour blocks, listening to questions and giving detailed guidance.
- Graded assignments for approximately 30 students and around 15 final group projects involving database and frontend each term.
- Developed an advanced debugging guide for students and provided advice/assistance to students about/related to debugging final projects, guide has over 100 views each term and endorsed by professor(s).

**Studios Partner, Prota Ventures, Remote**  
*Ruby on Rails Developer*

Mar. 2022 - Present

- Expanded system tests suite using Rspec and Capybara between 7 tests and factories leveraging factory paradigm. Updated validation within various controllers & models along with helper text within .erb partials, both tasks were completed within first 5 weeks of onboarding

**Consultant, Remote**  
*Android Engineer*

Jan. 2019 - Mar. 2022

- Created ringtone app developed in Kotlin. The ringtone app will allow users to sample, sort, download, and set ringtones.
- Streamed sampling of potentially hundreds of ringtones via ExoPlayer library and implemented download and set ringtone functionality.
- Handled user navigation via a Navigation Component library & bottom navigation utilized Material Design for setting ringtones by users.
- Created a custom toolbar and overflow menu, various UI layouts deploying constraint layout, and user stories & posted to a Jira board.

---

## PROJECTS

---

- Professional Website (<https://www.justinpdickerson.com>): Website using MERN stack along with Next.js. Status: Active Development
- Cognitive Facets: Implementation of a data gathering tool for analyzing facets affecting CS Students in Next.js, original code ported from PHP. Status: Spun off into a different project without a database.
- Speed Score (Vertical Integrated Project/Capstone), 100's-1000's of active users: Responsible for initial mockups and Live implantation via Server Side Events of a Feed (Front End) in utilizing the React.js Framework. Notable features initially implemented included displaying rolling dates and times, along with a pathway for complex data fetching for a future developer. Additionally, was part of a 4 person sub team communicated with project owner. Status: Active Development, feature responsibility passed onto a future developer.
- Relational Adapter/Facade: Project of curiosity related to bridging a gap between relational and non-relational databases (fetching non-relational data, rationally). Status: Active Development