# Justin P. Dickerson

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## Education

**Bachelor of Science in Computer Science |** Oregon State University | Corvallis, Oregon | 2025

**Electives/Projects/Programming Languages & Frameworks**
- CS 381: Programming Language Fundamentals (Raku, Ruby, Racket, Prolog)
- CS 406: Projects (Professional Website & Cognitive Facets)
- CS 499: Vertical Integrated Projects: Speed Score (MongoDB, Express, React, and Node)
- Relational Adapter/Facade: Fetching non-relational data in a relational context.
- C# (.Net), Java, Java Script (React & Next.js), Kotlin, Python, Ruby (on Rails), and SQL

## Relevant Experience

Undergraduate Learning Assistant | Oregon State University | Remote

- Teaching assistant for CS 340: Introduction to Databases
  - Assisted students in their learning of the SQL language and relational database concepts.
  - Participated in grading student assignments and final projects.
  - Created an advanced debugging guide for students and provided advice/assistance to students about/related to debugging their final projects.

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

- Contributed to the code base of a project featuring Ruby on Rails & Tailwind CSS.
  - Expanded system tests suite using Rspec and Capybara utilizing the factory paradigm.
  - Updated validation within the controllers & models along with helper text within .erb partials.

Android Engineer | Consultant | Remote

- Created a ringtone app developed in Kotlin. The ringtone app will allow users to sample, sort, download, and set ringtones.
  - Sampling of ringtones via stream is handled using the ExoPlayer library and implemented the download and set ringtone functionality.
  - Navigation is handled via Navigation Component library & bottom navigation utilized Material Design for set ringtone.
  - Created a custom toolbar and overflow menu, various UI layouts using constraint layout, and user stories & posted them to a Jira board.