

Cole Perry

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EDUCATION

Bachelor of Science in Computer Science - May 2024

University of Arizona, Tucson, Arizona

Dean's List Award Recipient

Relevant Coursework: Software Development, Object Oriented Programming and Design, Web Programming, Database Design, Analysis of Discrete Data Structures

TECHNICAL SKILLS

Programming Languages: Java | Python | C | HTML | CSS | Javascript | SQL

Technological Skills: Git | ReactJS | NodeJS | Scrum | AWS | MySQL | NoSQL | Linux | Unix

Transferable Skills: Adaptability | Collaboration | Analytical Reasoning | Problem Solving

RELEVANT PROJECTS

Only the Recipe

- **Full stack** project where a user inputs a URL to a recipe webpage, wherein the application strips away all non-relevant information to the recipe, parsing out information that is not relevant to the recipe using **OpenAI API** requests.
- **React** frontend, **Node.js** backend, **AWS** EC2 deployment, written in **Javascript** with use of **REST APIs**.

Fitness Center

- A group **self-directed** project involving the design and implementation of a **relational database** using Java.
- Utilization of **SQL**, **JDBC**, **Agile** development principles, and group collaboration.

Wordle

- Utilizing **object-oriented design** principles, and a **Scrum** framework to delegate work.
- Supports **serialization** and **persistence** with user input within a **Maven** GUI following concepts of **low coupling** and **high cohesion**.

Personal Website

- React **front end** website describing personal information about myself.
- Significant use of intricate **React components** and **animations**, as well as **HTML** and **CSS**.

RELEVANT EXPERIENCE

Course Coordinator, University of Arizona, Tucson, Arizona November 2023 - Present

- **Leading** teams of 25+ TAs to coordinate teaching of programming concepts.
- Delivering knowledge on complex programming fundamentals including **sorting**, logical analysis, and **graphical user interfaces**.
- Lecturing on the **Python** programming language and its different **libraries** and usages.

Teacher's Assistant, University of Arizona, Tucson, Arizona May 2023 - November 2023

- Hosting office hours which require extensive **debugging** of different problems and programming styles.