Diego Arroyo Castaneda

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https://github.com/DiegoArrC

Education

Brigham Young University – Idaho   September 2020 – 2024

B. Sc. in Computer Science   Rexburg, Idaho

- Expected certificates in Computer Programming, Functional Programming, and Design Fundamentals

Northwest Career and Technical Academy   August 2016 – May 2020

Engineering & Design   Las Vegas, Nevada

- Focus in Engineering & Design
- Significant Coursework: Computer Aided Drafting and Design (CADD), Schematic & Product Design, Calculus

Work Experience

Brigham Young University- Idaho   September 2022 – December 2022

Volunteer Tutor (CSE/CIT Drop-In Lab)   Rexburg, Idaho

- Coordinated with a team of nearly a dozen other tutors to assist and guide dozens of students on a semi-weekly basis
- Directed and guided students to understand concepts correlated with their weekly assignments for their programming, including reinforcement on fundamental concepts
- Applied knowledge of relevant programming languages, i.e., Python, Javascript and C#, and principles, to assist students with developing an understanding of various principles of programming.

Jani-King International (Commercial Franchise 215)   May 2015 – February 2020

Custodian   Las Vegas, Nevada

- Coordinated with a team of four members to do light and heavy cleaning for a 22,000 square-foot news station on a semi-weekly basis
- Managed and organized inventory on cleaning supplies, keeping records on quantities and frequency of use
- Established a significant standard of knowledge and adapted use of relevant technologies

Relevant Courses

- Programming with Classes (Object-Oriented Programming) (C#)
- Calculus
- Web Fundamentals & Javascript (HTML5, CSS3, JS)
- Database Design & Development (mySQL)
- Algorithmic Thinking
- Advanced Business Writing in Professional Contexts
- Discrete Mathematics
- Applied Programming
  - Mobile App (Kotlin)
  - Cloud Database (Firebase Firestore)
  - Web App (React)
  - Game Framework (UE5)
  - Data Analysis (Python Pandas)
- Graphic Design (Adobe Illustrator, Photoshop, & InDesign)
- Patterns in Functional Programming (Erlang)