

EDUCATION

Eastern New Mexico University | Main Campus – Portales
Bachelor of Science in Computer Science

Graduating December 2024
Portales, NM

- 3.3 Major GPA
- Relevant Coursework: Algorithm Design and Analysis (Python, Java), Applied Machine Learning (Python), Computer Networks (Python, HTML), Data Structures (Python), Database Design and Program (SQL, SQLite), Mobile Application Development (Java, Dart), Operating Systems (C, C++), Software Engineering (Java EE, HTML, CSS, Glassfish), Web Application Development (HTML, CSS, Flask)

EXPERIENCE

AI Test Engineer | AL/ML Developer (Python, JavaScript)

July 2024 – Present
Remote, USA

Outlier AI, Contract

- Evaluating the quality of AI-generated code, including human-readable summaries of its rationale.
- Solve coding problems, writing functional and efficient code/
- Write robust test cases to confirm code works efficiently and effectively.

Strategic Advisory Intern | Software Engineering (Python, SQL, HTML, CSS)

August 2023 - January 2024
Remote, USA

Third Eye Gen, Inc., Alpha 1 Headset

- Played a pivotal role in shaping the Alpha 1 headset's application store's initial layout and design.
- Worked to drive innovation across multiple facets of the device's user interface, encompassing data visualization and the refinement of system features such as zoom functionality.

Campus Help Desk and IT | IT Department (Python)

August 2014 – October 2016
Fort Collins, CO

Colorado State University, Main Campus

- Provided technical support to faculty, staff, and students on campus with IT issues, troubleshooting software and hardware problems.
- Assisted in configuring and maintaining computer systems, printers, and network connections.
- Collaborated with a team to deploy software updates and ensure system security.

SOFTWARE PROJECTS (see more at noahcaulfield.com)

ENMUmobile | Android and IOS application (Flutter, Dart, Java, Swift)

Fall 2023

- Final team project for CS 458, Android Development.
- Developed a flutter application for Android/IOS that serves as Eastern New Mexico University's official unofficial resource application.
- Personally, wrote the backend of the application, including a web scraper to query and pull results from the university's website, real-time map implementation, mobile view with complete functionality of the university's athletic website, an NMSU holiday widget, and more.
- Technologies: Dart, Java, Swift, Flutter, OpenStreetMap, Ios, Android
- Repository: https://github.com/nwc6624/ENMU_CS_458_Semester_Project

Ice Cream Store PWA | Semester Group Project (JavaScript, HTML, CSS, SQLite, Flask, Python)

Spring 2020

- Developed a comprehensive Ice Cream store Progressive Web App enabling users to explore and purchase various flavors.
- Managed user-side webpages and streamlined the checkout process.

SKILLS & TECHNOLOGIES

Languages:

- Proficient: Python, Java, SQL, HTML, CSS
- Familiar: C, C++, Dart, Javascript

Frameworks and Libraries:

- Proficient: Flask
- Familiar: Java EE, Glassfish, React

Development Tools and Technologies:

- Proficient: Git
- Familiar: Docker, Jenkins

Operating Systems:

- Proficient: Linux, macOS, Windows