

Nick Swanson

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EDUCATION

BS, Computer Science

Dec 2024

University of Oregon Honor's College

- **Awards:** Dean's List, Summit Scholarship, AP Scholar with Honor, CIF Scholar Athlete
- **Courses:** Algorithms, Data Structures, Operating Systems, Software Development, Statistics

SKILLS

Languages: Python, JavaScript, C/C++, SQL

Technologies: React.js, Node.js, Express.js, GraphQL, MongoDB, Git, Linux, AWS

EXPERIENCE

Blockchain Engineer

Mar 2022 - Present

Oregon Blockchain

- Created smart contracts in a virtual machine environment using Solidity.
- Developed a system design overview of the Coinbase wallet.

Software Engineer Intern

Sep 2021 - Dec 2021

Hubble Financial

- Improved Hubble Financial's website by developing a client portal which led to the acquisition of new clients and increased site traffic by 15%.
- Worked with Express.js (backend framework) to implement client portal functionality.
- Performed unit testing on backend code and refactored codebase to improve performance.

PROJECTS

Twitter Clone

- Developed a clone of Twitter in order to gain experience building large-scale, full-stack applications.
- Users can register for an account, login, post tweets, view other tweets, follow other users, and more!
- Built with React.js, Express.js, and MongoDB. Implemented Stripe API for payment processing.

Sorting Algorithm Visualizer

- JavaScript web application that visualizes sorting algorithms.
- Implemented Bubble Sort, Quick Sort, Merge Sort, and Insertion Sort.

Youtube To Spotify Automation

- Python script that automates the process of transferring Youtube playlists to Spotify playlists.

CERTIFICATES

Amazon Web Services Certified Cloud Practitioner

- Certified in designing serverless applications using core AWS services.