

# NICHOLAS QUACH

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## EDUCATION

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**University of California, San Diego** - B.S Computer Engineering

Expected May 2024

Major GPA: 3.86

Relevant Coursework: Programming and Computational Problem-Solving, Basic Data Structure and Object-Oriented Design, Software Tools and Techniques

## SKILLS

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**Technical Skills**      Python, Java, HTML5, CSS3, AWS EC2, GCP, Terraform, Firebase

## PROJECTS

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**NQ Professionals** - AWS, GCP

June 2020 - March 2022

- Researched software performance and providing software rentals for 25,000+ members
- Utilized Amazon Web Services and Google Cloud Platform to optimize run-time efficiency for automated software
- Used Google Sheets to document all transactions—dates, purchases, sales, profits, and losses
- Generating over \$350,000 in revenue, with over \$100,000 in profit%.

**GaryDAO Non-Fungible Token** - Solidity, Node.js

Jan. 2022

- Worked with team of four to create and deploy NFT Ethereum ERC-721 contract using Solidity
- Generated 1,111 randomized trait NFTs using Photoshop and Node.js
- Uploaded NFTs to the Ethereum blockchain using Pinata API
- Generated \$140,000 in sales, with \$50,000 in profit%.

**E-Portfolio** - HTML5, CSS3

Feb. 2022

- Designed and developed my e-portfolio using semantic HTML5 and CSS3 (+BEM) best practices
- Included responsive and multi-platform support which enabled my portfolio to be viewed on any platform or web device

**Library** - HTML5, CSS3

March 2022

- Developed an online ecommerce bookstore home page using HTML5 and CSS3 (+BEM)
- Improved website performance by compressing, catching, and lazy loading images and components

**DRIPRESERVE** - HTML3, CSS3

Nov. 2019 - Jan. 2020

- Maintained a responsive and SEO friendly Shopify online ecommerce website using semantic HTML5 and CSS3 (+BEM) best practices
- Generated over \$10,000 in revenue, with \$1,000 in profit

**Trash Tracker** - Java

Jan. 2021

- Developed Android application, using Android Studio to develop user interface and back-end, for management of personal carbon footprint