Nicholas Winans

(703) 232-3827 nick@nickwinans.com https://nickwinans.com
853 W Main St, Apt 520-A, Charlottesville, VA 22903

Summary

Ambitious student that adapts well to change, pursuing a degree in Computer Science. Behind the scenes developer that is comfortable reaching out to customers and opening a line of communcation. Responsible with a close eye to detail. Engineering mindset that is not afraid of the unknown.

Languages

Bash

C/C++

Dart

HTML

Java

Javascript

Python

Swift

SQL

Skills

Mobile Development

Web Development

Network Administration

IT Support

Linux/Server Administration

Source Control (Git)

Certifications

Microsoft Word 2013

Foreign Languages

Spanish (Conversational)

Education

University of Virginia - Charlottesville, VA - May 2022
3.833 GPA
• Bachelor of Science - Computer Science - 3.979 Major GPA
• Bachelor of Art - Physics - 3.579 Major GPA

Experience

Software Development Engineer Intern
AWS (Amazon) - Arlington, VA - May to August 2021
Created an end-to-end pipeline using Native AWS and Docker Containers to solve customer pain points and potential security risks. Visualized results using QuickSight to highlight areas of interest. Created extendable Python framework to foster future expansions.

Summer IT Intern (Web and Mobile Development)
Asurion - Sterling, VA - June to August 2018
Learned workflow of website and mobile application development at a large company. Tested responsive websites across multiple platforms. Contributed to debugging while learning flow of bugs being found, assigned and fixed. Learned AWS workplace skills and met deadlines while enhancing communication skills.

Soccer Prediction App
June 2015 to August 2018
Sole developer and maintainer of iOS, Android and Web application. Used proprietary algorithm to predict 49 games/week with 50% accuracy. 70,000 downloads that earned spot in Top 10 Free Sports Apps in multiple countries across lifetime.

Research History

Reacting Flow Lab - Dr. Dedic (UVA)
June 2019 to January 2020
Assisted in setting up research lab. Created purpose-built research grade software and hardware to save tens of thousands of dollars. Modeled flame characteristics under different pressures and temperatures using Python.

Relevant Coursework

CS 4414 - Operating Systems, A
CS 4102 - Algorithms, A
CS 4774 - Machine Learning, A+
CS 3240 - Advanced Software Engineering, A
CS 2150 - Program and Data Representation, A