Nicholas Blaauboer

25 year old Software Engineer from Albany, New York.

Portfolio: https://bluebar1.github.io/

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EDUCATION

University at Albany (SUNY), Albany NY

2017 - 2021

Bachelor of Arts in Computer Science

Minored in Mathematics and Informatics.

Conducted undergraduate research on how masks affect common facial recognition algorithms.

EXPERIENCE

DAS Labs, US (remote) — *Software Engineer II*

DECEMBER 2022 - PRESENT

[Website](#)

Managed and led development teams, ensuring effective collaboration, project alignment, and the timely delivery of high-quality code while meeting project deadlines.

Contributed to significant advancements in various fields, such as orthopedic surgery, gaming, indoor navigation, military simulations, and specialized training for firefighters and astronauts.

Developed AR/VR applications for a range of devices including Vision Pro, Meta Quest, Microsoft HoloLens, as well as iOS and Android platforms.

Resolved critical bugs and enhanced application stability for improved user experience.

Integrated secure authentication systems with Firebase for robust user login and profile management.

Diamond4Mobile, US (remote) — *Software Engineer*

DECEMBER 2020 - 2022

[App Store](#)

Implemented Rest API calls to wikipedia in Swift, searching for pages using GPS data.

Ported features of the PhotoGem App from Swift to Flutter.

Developed website and help page using HTML/CSS/JavaScript.

ECB Network, US (remote) — *Co-Owner*

2014 - PRESENT (inactive)

[GitHub](#)

Managed Minecraft server network and online store of over 100,000 unique players, averaging ~250 players online.

Implemented features for various minigames such as CoD Zombies and team deathmatch.

Sponsored famous youtubers such as JeromeASF (5.5M), Vikkstar123HD (3.3M), and MrWoofless (1.6M), attracting tens of thousands of new players to the network.

LANGUAGES

Swift

Flutter/Dart

Python

Javascript

Java

C#

DATABASES

Firebase

SQlite

MySQL

Redis

TECHNOLOGIES

ARKit & ARCore

Git

OpenCV

Linux, Windows, MacOS

iOS, Android

Rest API

TensorFlow

AWARDS

Rochester Institute of Technology (RIT) computing medal and scholarship.